C 21.14/2 : C 74

Concordance

UNITED STATES PATENT CLASSIFICATION TO INTERNATIONAL PATENT CLASSIFICATION



U.S. DEPARTMENT OF COMMERCE
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Concordance

UNITED STATES PATENT CLASSIFICATION

TO

INTERNATIONAL PATENT CLASSIFICATION

1st Edition - April 1969

The principal use of this Concordance in the U.S. Patent Office is in conjunction with the International Classification of Patents, Vols. 1, 2 and 3, as published for the Council of Europe by Morgan-Grampion Books, Ltd., 28 Essex Street, Strand, London, W.C.2.

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PREFACE

This Concordance is a guide for relating the United States Patent Classification System to the "International Classification of Patents" as published by the Council of Europe. To do this, an International Classification listing has been provided for each of the official U. S. classes and subclasses as they presently exist.

Because of the difference in the philosophies of the two systems, a complete one-to-one concordance has not been attained and is not susceptible of attainment. Even where a single International Classification sub-group is listed for a single U. S. subclass, a one-to-one translation should not be inferred necessarily.

As a result, an International Classification sub-group listing in this concordance may be only a guide to a field of adjacent sub-groups within the whole of which a different sub-group may be found which is more closely aligned to the subject matter under consideration by the user.

With a view to improving future editions of the Concordance, the cooperation of users is earnestly requested in making suggestions for a more helpful treatment of the subject matter.

The first edition of the Concordance contains blank columns on each page to provide space in which users may make notations. It would be appreciated if users, therefore, would reproduce the page or pages on which he has made notations, and then transmit the copy to the following address so that those changes may be considered for future editions:

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WASHINGTON, D. C. 20231

U.S. Class 2

Apparel

(IPC A 41 d)

U.S. Subclass	IPC Subclass	Notation
1	A 41 d	
2	A 41 d	13/00
2.1	B 63 c	
2.5	F 41 h	1/02
		1/04
3	A 42 b	1/08
4	A 42 b	
5	A 42 b	3/00
6	A 42 b	3/00
7 – 9	A 42 b	1/00
10 – 15	A 61 f	9/00
16, 17	A 61 f	9/00
18, 19	A 41 d	13/10
20, 21	A 41 d	
22 – 24	A 41 d	13/06
44, 45	A 61 f	5/02
46, 47	A 41 d	27/12
48 – 52	A 41 d	13/04
53 – 59	A 41 d	27/12
60	A 41 d	27/16
61 – 63	A 41 d	27/12
64	A 41 d	
65, 66	A 41 d	5/00
67	A 41 d	5/00
68	A 42 b	1/12
69 – 72	A 41 b	
	A 41 d	
73	A 41 b	9/00
74	A 41 d	1/22
75	A 41 d	11/00
76	A 41 b	
77	A 41 b	1/00
78	A 41 b	9/00
79	A 41 d	1/06
		13/02
80	A 41 d	11/00
81	A 41 d	
82	A 41 b	
83	A 41 d	9/00
84	A 41 d	
85	A 41 d	3/02
86	A 41 d	3/02
87	A 41 d	3/04
88	A 41 d	3/08
89	A 41 d	3/08
90	A 41 d	1/04
91	A 41 d	23/00
92	A 41 d	
93 – 101	A 41 d	1/00
102, 103	A 41 d	1/04
104	A 41 d	1/20
105	A 41 d	1/22
106, 107	A 41 d	1/18
108	A 41 d	1/02
109 – 110	A 41 b	9/00
111	A 41 b	9/00
		13/08
112	A 41 b	9/00
113	A 41 b	9/06
114	A 41 b	9/00
115	A 41 b	1/00
116	A 41 b	1/00
		3/04
117	A 41 b	1/00
118	A 41 b	1/18
119	A 41 b	1/22
120	A 41 b	1/18
121	A 41 b	1/08
122	A 41 b	1/08
123	A 41 b	7/00
124	A 41 b	7/04
		7/06
		7/10
125, 126	A 41 b	1/08
127	A 41 b	1/12
128	A 41 b	1/10
129	A 41 b	3/00
130	A 41 b	3/00
		3/12
131 – 134	A 41 b	3/00
135, 136	A 41 b	3/16
137, 138	A 41 b	3/12
139, 140	A 41 b	3/04
141	A 41 b	3/02
142, 143	A 41 b	3/00
144	A 41 d	25/00
145	A 41 d	25/04
		25/12
146	A 41 d	25/06
147	A 41 d	25/00
148 – 151	A 41 d	25/02
152, 153	A 41 d	25/08
		25/14
154	A 41 d	25/08
		25/16
155, 156	A 41 d	25/16
157	A 41 d	25/00
158	A 41 d	
159 – 168	A 41 d	19/00
169	A 41 d	19/02
170	A 41 d	
171 – 171.2	A 42 b	
171.3 – 171.8	A 42 c	5/04
172	A 42 b	1/06
173	A 42 b	1/18
173.5 – 177	A 42 b	
178 – 180	A 42 c	5/00
181 – 182.8	A 42 b	
	A 42 c	5/00
183	A 42 b	1/22
184	A 42 b	
	A 42 c	5/02
184.5	A 42 c	5/04
185 – 191	A 42 c	5/00
192 – 194	A 42 c	
195	A 42 b	1/02
		1/04
196	A 42 b	
197 – 201	A 42 b	1/02
		1/04
202 – 205	A 42 b	1/04
206	A 42 b	1/18
207	A 42 b	5/00
208, 209	A 42 b	1/06
209.1	A 42 b	
209.3 – 209.7	A 42 b	
	A 42 c	5/04
210	A 41 d	27/26
211 – 222	A 41 d	1/14
223	A 41 f	19/00
224 – 226	A 41 b	9/02
		9/04
227 – 237	A 41 d	1/06
		13/02
238	A 41 d	
239, 240	A 41 b	11/00
241	A 41 b	11/02
242	A 41 b	11/00
243	A 41 d	
244 – 246	A 41 d	27/08
247 – 254	A 41 d	27/20
255 – 260	A 41 d	27/00
		27/06
260.1	A 41 d	27/00
		27/06
261 – 264	A 41 d	27/00
		27/06
265	D 05 b	3/14
		3/16
		3/18
266	A 41 f	1/02
	D 05 b	3/12
267	A 41 d	27/26
268	A 41 d	27/26
269, 270	A 41 d	27/10
271	A 41 d	27/22
272	A 41 d	27/02
273, 274	A 41 d	27/00
275	A 41 d	27/24
279	A 41 b	15/00
300 – 310	A 41 f	19/00
311 – 322	A 41 f	9/00
323 – 334	A 41 f	3/00
		19/00
335	A 41 f	11/00
		13/00
336	A 41 f	1/00
		19/00
337	A 41 f	19/00
338 – 340	A 41 f	3/02
		9/00
		15/00
341, 342	A 41 f	19/00

U.S. Class 3

Artificial body members

(IPC A 61 f)

U.S. Subclass	IPC Subclass	Notation
1 – 1.2	A 61 f	1/00
1.3	A 61 f	1/20
2	A 61 f	1/08
4, 5	A 61 f	3/00
6 – 8	A 61 f	1/08
12 – 12.8	A 61 f	1/06
13	A 61 f	1/16
14 – 16	A 61 f	1/08
17 – 20	A 61 f	1/02
		1/04
21	A 61 f	1/08
22 – 35	A 61 f	1/04
		1/08
36	A 41 c	3/10
	A 61 f	1/00

U.S. Class 4

Baths, closets, sinks and spittoons

(IPC A 47 k)

U.S. Subclass	IPC Subclass	Notation
1	A 47 k	17/00
	E 03 d	11/00
2, 3	A 47 k	4/00
4	A 47 k	3/18
5	A 47 k	1/10
		1/12
6, 7	A 47 k	3/22
		11/08
8	B 61 d	35/00
9	A 47 k	11/00
	E 03 d	5/00
10	E 03 d	1/00
		3/00
		5/00
11	E 03 d	1/22
		3/00
12	E 03 d	1/00
13	E 03 d	1/26
		1/28
14	E 03 d	11/02
		11/18
15, 16	E 03 d	11/02
17	E 03 d	11/10
18	E 03 d	1/20
19	E 03 d	1/18
20	E 03 d	1/18
		3/00
21 – 23	E 03 d	1/18
		3/00
		5/04
24, 25	E 03 d	1/18
		5/04
26	E 03 d	3/00
27, 28	E 03 d	3/00
29, 30	E 03 d	3/00
31	E 03 d	3/04
		3/06
		3/08
32	E 03 d	1/20
33	E 03 d	1/30
34 – 38	E 03 d	1/22
		1/30
39, 40	E 03 d	1/22
41	E 03 d	1/36
42	E 03 d	1/04
		1/06
43	E 03 d	1/12
44, 45	E 03 d	1/04
		1/06
46	E 03 d	1/08
47, 48	E 03 d	1/10
49, 50	E 03 d	1/04

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 4—Con.		
		1/06
51	E 03 d	5/04
52	E 03 d	1/34
53	E 03 d	1/34
54	E 03 d	1/34
		5/04
55	E 03 d	1/34
		5/02
56–58	E 03 d	1/34
59	E 03 d	1/34
		5/04
60–63	E 03 d	1/34
64	E 03 d	1/34
		5/04
65, 66	E 03 d	1/34
67	E 03 d	1/34
		5/02
		5/10
68	E 03 d	11/00
69	E 03 d	11/02
		11/18
70	E 03 d	11/10
		11/18
71	E 03 d	11/02
		11/18
72	E 03 d	9/04
		11/02
		11/18
73–75	E 03 d	11/02
		11/18
76, 77	E 03 d	11/10
78	E 03 d	7/00
		11/10
79	E 03 d	11/10
80	E 03 d	7/00
		11/10
81	E 03 d	11/10
82	E 03 d	5/04
		11/10
83	E 03 d	9/04
		11/10
84–86	E 03 d	11/10
87	E 03 d	1/36
		11/10
88	E 03 d	11/10
89–93	E 03 d	11/10
94	E 03 d	9/04
		11/10
95	E 03 d	11/10
96	E 03 d	9/04
		11/10
97	A 47 k	
98	A 47 k	13/00
99–110	E 03 d	13/00
111	A 47 k	11/02
112, 113	A 61 g	9/00
114	B 60 r	15/04
115	A 47 k	11/02
	A 61 l	11/00
116–133	A 47 k	11/02
134	A 47 k	11/02
	A 61 g	7/02
135–144	A 47 k	11/02
145–148	A 47 k	3/22
149	A 47 k	3/14
		3/22
150	A 47 k	3/22
151	A 47 k	3/22
	E 03 b	11/00
152	A 47 k	3/22
153, 154	A 47 k	3/14
		3/22
155–157	A 47 k	3/22
158	A 47 k	3/22
		7/00
159	A 47 k	3/12
	A 61 h	35/00
160, 161	A 61 h	33/06
162	A 61 h	33/12
163, 164	A 61 h	33/06
165	A 61 h	33/06
		33/12
		35/00
166–169	A 47 k	1/04
170	A 47 k	1/04
	E 03 c	1/32
171	A 47 k	3/00
172	E 04 h	3/16
		3/18
172.11	E 04 h	3/18
172.12–172.14	E 04 h	3/19
172.15	E 04 h	3/16
172.16	E 04 h	3/18
	F 03 c	
172.17, 172.18	E 04 h	3/20
172.19	E 04 h	3/18
172.21	E 04 h	3/16
		3/18
		3/19
173	A 47 k	3/00
174	A 47 k	3/12
175, 176	A 47 k	3/08
177	A 47 k	3/06
178	A 47 k	3/10
179	A 47 k	3/00
180	A 47 k	3/00
	A 61 h	33/02
181	A 47 k	3/00
182	A 47 k	3/12
183	A 47 k	3/14
184	A 47 k	7/00
185	A 47 k	3/12
186	A 47 k	3/00
		3/12
	A 61 h	35/00
187–189	E 03 c	1/18
190	E 03 c	1/26
191	E 03 c	1/00
192–194	E 03 c	1/04
195, 196	E 03 c	1/04
		1/12
197	E 03 c	1/22
		1/28
198–202	E 03 c	1/24
203, 204	E 03 c	1/22
205	E 03 c	1/23
206	E 03 c	1/24
207	E 03 c	1/00
208	E 03 c	1/12
209	E 03 d	9/04
210	B 61 d	27/00
211–216	E 03 d	9/04
217	A 47 k	13/00
	E 03 d	9/04
218	E 03 d	9/04
219	E 03 f	5/08
220	E 03 d	9/02
	E 03 f	5/08
221	E 03 f	5/08
222–232	E 03 d	9/02
233–235	A 47 k	13/00
236	A 47 k	13/12
237–239	A 47 k	13/00
240	A 47 k	13/12
241	A 47 k	13/10
242–246	A 47 k	13/14
247	A 47 k	13/18
248	A 47 k	13/04
249	E 03 d	5/00
250	E 03 d	5/04
251	A 47 k	3/10
252	E 03 d	11/00
253	A 47 k	13/00
254–257	E 03 d	11/00
258–261	A 61 j	19/00
262	A 61 j	19/04
263, 264	A 61 c	17/04
265, 266	A 61 j	19/04
267–285	A 61 j	19/00
286, 287	A 47 k	1/14
	E 03 c	1/26
288–292	E 03 c	1/26
293	A 47 k	1/14
294	A 47 k	1/14
	E 03 d	9/02
295	A 47 k	1/14

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 5		
Beds (IPC A 47 c)		
1	A 47 c	31/00
2	A 47 b	83/00
	A 47 d	11/00
3–7	A 47 b	83/00
	A 47 c	19/00
		19/08
	A 47 d	11/00
8, 9	A 47 c	19/00
	A 47 d	7/00
10	A 47 c	19/06
	A 47 d	7/04
11	A 47 c	31/00
12	A 47 c	17/00
13	A 47 c	17/04
14	A 47 c	17/06
15, 16	A 47 c	17/04
17–23	A 47 c	17/06
20	G 09 b	23/36
		23/38
24–50	A 47 c	17/04
51–59	A 47 c	17/00
60	A 47 c	19/00
	A 61 g	7/00
61	A 61 g	7/10
62–65	A 61 g	7/00
66–80	A 61 g	7/06
81	A 61 g	7/08
82	A 61 g	1/00
83–88	A 61 g	7/10
89	A 61 g	1/00
90	A 61 g	7/02
91, 92	A 61 g	7/04
93	A 47 d	7/00
		13/06
94–96	A 47 d	7/04
97–99	A 47 c	29/00
	A 47 d	7/00
100	A 47 d	7/02
101–104	A 47 d	9/00
105–109	A 47 d	9/02
		9/04
	B 02 b	
110–112	A 47 c	19/16
113	A 47 c	29/00
114–119	A 47 c	19/16
120–126	A 45 f	3/22
		3/36
127–130	A 45 f	3/24
131–132	A 47 c	19/00
133–173	A 47 c	19/06
174–180	A 47 c	19/12
181–185	A 47 c	19/04
186–229	A 47 c	19/00
230–235	A 47 c	23/08
236–238	A 47 c	23/06
239–245	A 47 c	23/08
246–277	A 47 c	23/02
		23/04
278–316	A 47 c	19/00
		23/00
308	A 47 c	19/22
317–319	A 47 c	21/00
320	A 47 c	21/00
321–331	A 47 c	21/00
332	A 47 b	23/00
333	A 47 c	21/00
334–336	A 47 g	9/00
337–342	A 47 g	9/00
	A 61 g	7/06
343	A 47 g	13/09
344	A 47 g	9/00
345, 347	A 47 c	23/00
		25/00
		27/00
348–350	A 47 c	27/08
351–354	A 47 c	23/00
355–361	A 47 c	27/00
362–364	A 47 c	29/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 6		
Bee culture		
(IPC A 01 k)		
1	A 01 k	47/00
2, 3	A 01 k	47/02
		47/04
4	A 01 k	47/06
5	A 01 k	53/00
6	A 01 k	47/00
7	A 01 k	57/00
8	A 01 k	47/00
		47/06
9	A 01 k	49/00
10	A 01 k	47/02
		47/04
11	A 01 k	47/04
12	A 01 k	51/00
		57/00
U.S. Class 7		
Compound tools		
(IPC B 25 f)		
1	B 25 f	1/00
3 – 5	B 25 b	7/22
5.1 – 6.1	B 25 b	7/22
6.2	B 25 b	7/22
	B 67 b	7/44
7 – 10	B 25 f	1/00
11	B 26 b	11/00
12, 13	B 25 f	1/00
14	A 47 g	21/02
		21/06
14.01	B 43 l	19/02
14.1	B 25 f	1/00
	B 26 b	11/00
14.2, 14.25	B 26 b	11/00
	B 67 b	7/44
14.3 – 14.55	B 25 b	7/22
14.6	B 25 f	1/00
	B 67 b	7/44
15 – 17	B 25 f	1/00
U.S. Class 8		
Bleaching and dyeing fluid treatment and chem mod of textiles and fibers		
(IPC D 06)		
1 – 2.5	D 06 p	
3 – 4	D 06 p	3/00
		5/00
5	B 29 h	21/02
	D 06 p	3/00
		5/00
6	C 11 b	3/00
	D 06 p	
6.5	B 27 k	5/02
7	D 21 h	1/46
8	C 03 c	
	D 06 p	3/00
		3/80
		5/00
9	D 06 p	3/00
		5/00
10	C 14 c	
	D 06 p	3/00
		5/00
10.1 – 10.2	A 61 k	7/12
11	D 06 p	1/32
		3/06
12	D 06 p	3/32
		5/00
12.5	C 14 c	3/00
	D 06 p	3/32
		5/00
13	D 06 p	3/12
		3/32
14 – 16	D 06 p	1/00
		3/00
		5/00
17 – 20	D 06 p	5/00
		7/00
21 – 22	D 06 p	3/82
23	D 06 p	5/12
24	D 06 p	3/00
		3/34
		3/40
		3/82
25	C 09 b	
	D 06 p	1/00
		3/00
		5/00
		7/00
26 – 27	C 09 b	27/00
		45/48
	D 06 p	1/00
		3/00
28	C 07 b	
	C 09 b	
	D 06 p	1/00
		1/22
		1/30
29 – 31	C 09 b	65/00
	D 06 p	1/36
		3/20
		3/64
32	C 09 b	
	D 06 p	1/32
		3/08
33	C 09 b	
	D 06 p	3/00
		3/34
34 – 35	C 09 b	9/00
		49/00
	D 06 p	1/22
		1/30
		5/16
36	C 09 b	7/00
		49/00
	D 06 p	1/22
		3/14
		3/34
37	C 09 b	49/00
	D 06 p	1/30
38	C 09 b	7/00
	D 06 p	1/22
		5/16
39	C 09 b	1/00
		5/62
	D 06 p	1/20
40	C 09 b	1/00
		5/62
	D 06 p	1/20
		3/34
41	C 09 b	27/00
		45/48
	D 06 p	1/02
		3/00
		3/12
42	C 09 b	45/00
	D 06 p	1/10
		3/00
43	C 09 b	45/00
	D 06 p	1/10
		3/14
44 – 45	C 09 b	27/00
		43/16
	D 06 p	1/02
		5/18
46	C 09 b	27/00
	D 06 p	3/12
		3/38
		3/56
		3/68
		3/78
47	C 09 b	27/00
		45/48
	D 06 p	3/22
48	C 09 b	27/00
		45/48
	D 06 p	3/44
		3/50
49	C 09 b	27/00
	D 06 p	5/02
50	C 09 b	27/00
	D 06 p	1/02
		3/34
51	C 09 b	27/00
	D 06 p	3/60
52	C 09 b	61/00
	D 06 p	1/00
53	C 09 b	61/00
	D 06 p	1/34
54	C 09 b	
	D 06 p	3/14
54.2	C 09 b	
	D 06 p	3/60
62	C 09 b	
	D 06 p	
63	C 09 b	
	D 06 p	3/34
64 – 68	C 09 b	
	D 06 p	5/00
69	C 09 b	
	D 06 p	5/00
70	C 09 b	49/00
	D 06 p	1/22
		1/30
71	C 09 b	27/00
		45/48
	D 06 p	1/02
72	C 09 b	65/00
	D 06 p	1/36
73 – 74	C 09 b	
	D 06 p	5/02
75	C 09 b	63/00
	D 06 p	5/10
76	C 09 b	
77	C 09 b	7/00
	D 06 p	1/22
78	C 09 b	
79	C 09 b	67/00
80	C 09 b	61/00
81	C 09 b	
	D 06 p	5/00
82 – 85	C 09 b	67/00
	D 06 p	1/68
86	C 09 b	67/00
	D 06 p	1/84
87 – 88	C 09 b	67/00
	D 06 p	1/68
89 – 90	C 09 b	67/00
	D 06 p	1/68
		1/84
91	C 09 b	67/00
	D 06 p	1/46
		1/48
92 – 94	C 09 b	67/00
	D 06 p	1/68
94.1	C 14 c	
	D 06	
94.11	A 61 l	17/00
	A 63 b	51/02
	D 01 f	5/00
94.12	C 14 c	1/00
94.13	C 14 c	11/00
		13/00
94.14	C 14 c	
	D 06 m	
94.15	C 14 c	1/00
94.16	C 14 c	1/06
94.17	C 14 c	1/00
		1/08
94.18	C 14 c	1/00
94.19	C 14 c	3/00
94.2 – 94.23	C 14 c	5/00
		11/00
94.24	C 14 c	3/18
94.25 – 94.26	C 14 c	3/02
		3/04
94.27	C 14 c	3/06
94.28 – 94.29	C 14 c	3/04
94.3	C 14 c	3/10
94.31	C 14 c	3/24
94.32	C 14 c	3/10
94.33	C 14 c	3/08
95	C 09 b	63/00
		65/00
	D 06 m	11/00
96	D 06 m	13/00
		15/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 8—Con.		
97	C 09 b	65/00
	D 06 m	11/00
98 – 99	C 09 b	63/00
	D 06 m	11/00
100	C 09 b	65/00
	D 06 m	11/00
101 – 102	D 06 l	3/00
103	D 06 l	3/04
107	D 06 l	3/00
108 – 109	D 06 l	3/06
110	D 06 l	3/00
		3/10
111	D 06 l	3/02
		3/04
112	D 01 c	
	D 04 h	
114	D 06 m	
	D 06 q	1/00
114.5	D 06 m	
	D 06 q	
114.6	D D6 c	1/04
	D 06 q	1/02
115	D 06 q	1/02
115.5 – 115.6	D 06	
115.7	D 06 m	9/00
116	D 06 m	1/00
116.2	D 06 m	13/34
116.3	D D6 m	13/12
		13/34
116.4	D 06 m	13/12
117	D D6 m	1/00
118	D D6 m	1/00
119	D 21 h	5/08
120	D D6 m	13/00
121	D 06 m	1/14
		13/20
122	D 06 m	1/00
		13/28
123	D D6 m	1/00
		11/00
125	D 06 m	1/02
127	D 06 m	1/02
127.5	D 06 m	3/00
127.51	A 61 k	7/10
		13/00
127.6	D 06 m	
128	D 06 m	3/02
		13/00
129 – 130	D 06 m	1/00
		13/00
130.1	D 06 m	
131	D D6 m	5/00
132	D D6 m	5/26
133	D D6 m	
134	D D6 m	
	D D6 p	5/00
137	B D8 b	3/00
	D 01 c	
	D 01 f	
	D 06 f	
137.5	D D1 f	3/06
		3/28
		3/40
		5/08
		7/06
		9/06
	D 06 l	1/00
138	D D1 c	3/02
	D 06 l	1/06
		1/14
139	D D1 c	1/00
		3/00
	D 06 l	1/00
139.1	C 11 b	11/00
	D D1 c	3/00
	D D6 l	1/02
140	D 01 c	5/00
	D 06 c	7/04
141	B D8 b	
	D 06 l	
	D 06 m	
142	D D6 l	1/00
147 – 149	B D8 b	
	D 01 c	
	D D1 g	
	D 06 c	
	D 06 l	
	D 06 m	
149.1	B D8 b	7/00
	D D6 c	1/00
	D 06 l	
	D D6 m	
149.2	B D8 b	5/00
	D D6 c	1/00
149.3	B D8 b	3/00
	D D6 c	1/00
150	B D8 b	
	D 01 c	
	D 01 g	
	D 06 c	
	D 06 l	
	D 06 m	
150.5	C 14 c	
	D 06 l	
	D 06 m	
151 – 152	D 06 c	1/00
154 – 155.2	D 06 l	
	D 06 m	
156	D 21 c	9/00
157	D 06 l	
	D 06 m	
158 – 159	B D8 b	
	D 01 l	
	D 06 c	
160 – 161	A 61 k	7/148
162	D 06 p	3/00
		3/40
163	D D6 p	1/38
		3/10
164	D 06 p	3/00
165	D 06 p	5/02
166	D 06 p	5/00
167	D 06 p	3/40
		5/10
168	D 06 p	5/00
169	D 06 p	5/04
170	D 06 p	3/40
		5/04
171	D D6 p	5/04
172	D D6 p	5/06
173	D D6 p	5/04
174, 175	D D6 p	1/68
		5/00
176	D 06 p	3/00
		5/00
177	D D6 p	3/70
178	D D6 p	3/24
179	D 06 p	3/52
180	D D6 p	3/00

U.S. Class 9

Boats, buoys and aquatic devices

(IPC B 63 c)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 63 c	
2	B 63 b	7/00
3, 4	B 63 c	9/02
5	B 63 b	35/00
6, 6.5	B 63 b	3/00
		5/00
7	B 63 b	29/00
8 – 10	B 63 b	21/52
		51/02
11	B 63 c	9/04
12	B 63 c	9/30
13	A 47 c	27/08
	B 63 c	9/28
14	B 63 c	9/00
15, 16	B 63 b	35/00
24	B 63 h	16/04
25	B 63 h	16/10
26	B 63 h	16/06
30	B 63 b	23/00
31	B 63 b	23/38
32, 33	B 63 b	23/00
34 – 40	B 63 b	23/02
41 – 45	B 63 b	23/00
46	B 63 b	23/64
		23/66
301 – 306	A 63 b	31/00
307, 308	A 63 b	31/02
309	A 63 b	31/10
		31/12
310	A 63 c	5/00
		9/00
		11/00
		15/00
311, 312	B 63 c	9/08
313	B 63 c	9/08
		9/20
314 – 327	B 63 c	9/16
328 – 349	B 63 c	9/08
400	B 63 c	

U.S. Class 10

Bolt, nail, nut, rivet and screw making

(IPC B 23 g)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 23 g	
2 – 10	B 21 h	3/02
		3/08
	B 23 g	9/00
11 – 27	B 21 k	1/44
		1/58
		1/64
		9/00
	B 23 g	9/00
28 – 42	B 21 g	3/26
43 – 54	B 21 g	3/20
55 – 58	B 21 g	3/00
59	B 21 g	3/10
60 – 71	B 21 g	3/00
72	B 21 d	53/20
		53/24
73	B 21 d	53/20
74	B 21 d	53/20
		53/24
75	B 21 d	53/24
76 – 80	B 21 d	53/20
		53/24
	B 21 j	5/12
81 – 84	B 21 d	53/24
85, 86	B 21 d	53/20
		53/24
87, 88	B 23 g	1/00
89	B 21 k	1/56
	B 23 g	1/00
90	B 23 g	1/00
91 – 93	B 23 g	1/08
		1/20
94 – 100	B 23 g	1/00
		5/12
101 – 104	B 23 g	1/00
105	B 23 g	11/00
106, 107	B 23 g	1/00
109 – 111	B 23 g	5/00
112 – 118	B 23 g	1/26
		5/04
119	B 23 g	1/28
		5/08
120	B 23 g	1/26
		5/04
120.5	B 23 g	1/26
		5/04
121, 122	B 23 g	1/28
		5/08
123 – 127	B 23 g	1/26
		5/04
128, 129	B 23 g	1/00
130 – 132	B 23 g	1/08
		1/20
133 – 139	B 23 g	1/00
140	B 23 g	5/20
141	B 23 g	5/06
		5/14
142	B 23 g	5/06
		5/14
143 – 145	B 23 g	5/16
146 – 151	B 23 g	5/06
		5/14
152, 153	B 21 h	3/02
	B 23 g	7/00
155	B 23 p	19/08

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 10—Con.		
156	B 21 g	5/00
157–161	B 21 g	5/00
162–178	B 21 g	3/32
	B 21 k	27/00
U.S. Class 11		
Books and making		
(IPC B 42 c)		
1	B 42 c	19/00
2	B 42 c	15/00
3	B 42 c	11/00
4	B 42 c	11/02
5	B 42 c	5/02
U.S. Class 12		
Boot and shoe making		
(IPC A 43 d)		
1	A 43 d	
4.1	A 43 d	65/00
4.2	A 43 d	89/00
4.3	A 43 d	53/00
4.4	A 43 d	45/00
		47/00
4.5	A 43 d	53/00
4.6	A 43 d	7/22
		85/00
7	A 43 d	21/00
		23/00
		75/00
7.1	A 43 d	7/00
		23/00
		27/00
7.2	A 43 d	7/00
		23/00
7.3	A 43 d	44/00
		45/00
7.4	A 43 d	11/00
		45/00
7.5	A 43 d	43/00
		113/00
7.6	A 43 d	75/00
7.7	A 43 d	43/00
		113/00
7.8	A 43 d	43/00
7.9	A 43 d	15/00
8.1	A 43 d	21/12
8.2–8.5	A 43 d	21/00
		23/00
8.6	A 43 d	21/00
		23/00
		75/00
8.7, 8.71	A 43 d	21/00
		23/00
8.8, 9	A 43 d	21/00
		23/00
9.1	A 43 d	21/00
		23/00
		43/00
10, 10.1	A 43 d	21/00
		23/00
10.2	A 43 d	75/00
10.21, 10.3	A 43 d	21/00
		23/00
10.4, 10.5	A 43 d	21/00
		23/00
10.6–10.8	A 43 d	75/00
11.2	A 43 d	75/00
11.3	A 43 d	21/00
		23/00
12	A 43 d	21/00
		23/00
12.1–12.5	A 43 d	21/00
		23/00
13.1	A 43 d	75/00
13.2	A 43 d	43/00
14.2–14.4	A 43 d	21/00
14.5	A 43 d	23/00
15	A 43 d	3/12
15.1	A 43 d	3/10
16	A 43 d	61/00
16.1	A 43 d	63/00
		89/00
16.2	A 43 d	25/12
16.3–16.5	A 43 d	63/00
		89/00
16.6, 16.7	A 43 d	27/06
17	A 43 d	25/00
		27/00
		29/00
		35/00
		37/00
		43/00
		65/00
		67/00
		69/00
		89/00
		95/00
17.2	A 43 d	119/00
18.1	A 43 d	95/00
18.2	A 43 d	25/14
18.3	A 43 d	31/00
		39/00
18.5–18.9	A 43 d	43/00
20, 20.2	A 43 d	43/06
		j30/60
21, 22	A 43 d	65/00
24.5	A 43 d	43/06
27, 28	A 43 d	43/00
29, 30	A 43 d	95/04
31.5, 31.6	A 43 d	87/00
32, 32.1	A 43 d	43/00
		91/00
33	A 43 d	89/00
33.1–33.8	A 43 d	89/00
34	A 43 d	89/00
34.5	A 43 d	89/00
35.5	A 43 d	89/00
36	A 43 d	89/00
36.5, 36.8	A 43 d	89/00
37, 38	A 43 d	89/00
39	A 43 d	63/00
39.3	A 43 d	91/00
39.5	A 43 d	95/00
40	A 43 d	43/04
40.5	A 43 d	31/00
41.05	A 43 d	63/00
41.1	A 43 d	11/14
		43/04
41.2	A 43 d	11/14
		43/04
41.3	A 43 d	95/06
41.5	A 43 d	11/14
		95/12
41.7	A 43 d	61/00
42	A 43 d	11/00
		21/00
		25/00
		27/00
		33/00
		65/00
		67/00
		83/00
		87/00
		95/00
42.5, 43	A 43 d	79/00
		83/00
43.4	A 01 k	83/02
43.5	A 43 d	69/00
46, 46.5	A 43 d	87/00
47, 47.1	A 43 d	87/00
48	A 43 d	65/00
49	A 43 d	95/06
49.1	A 43 d	25/12
		95/28
50	A 43 d	33/00
50.1, 50.2	A 43 d	33/00
50.3	A 43 d	25/00
50.4	A 43 d	33/00
50.5	A 43 d	115/00
51	A 43 d	7/00
		9/00
		11/00
		13/00
		25/00
		65/00
		95/00
52	A 43 d	11/00
52.5	A 43 d	11/00
		13/00
		15/00
		95/00
53.1	A 43 d	11/00
		13/00
		15/00
		95/00
53.2–53.8	A 43 d	11/00
		95/00
54.1–54.6	A 43 d	11/00
		95/00
55, 55.1	A 43 d	11/00
		95/00
57	A 43 d	7/22
		85/00
57.1	A 43 d	85/00
57.5, 57.6	A 43 d	27/00
58	A 43 d	7/00
		115/00
58.3	A 43 d	1/00
		100/00
58.5	A 43 d	11/00
59	A 43 d	11/00
59.5, 59.7	A 43 d	11/00
61–63	A 43 d	7/00
64–66	A 43 d	65/00
67	A 43 d	45/00
		47/00
		57/00
67.1, 67.2	A 43 d	45/00
		47/00
		57/00
70	A 43 d	95/00
70.5	A 43 d	95/00
73.5	A 43 d	95/00
74.5	A 43 d	95/00
75.5	A 43 d	95/00
76.5	A 43 d	95/00
77, 77.5	A 43 d	95/00
78, 78.5	A 43 d	95/00
79	A 43 d	95/00
79.2–79.5	A 43 d	95/00
85	A 43 d	7/00
		21/00
		27/00
		93/00
85.1–85.5	A 43 d	7/00
		21/00
		27/00
		93/00
85.9	A 43 d	7/00
		21/00
		27/00
		93/00
86–95	A 43 d	7/00
		21/00
		27/00
		93/00
103–113	A 43 d	5/00
		15/00
		19/00
		95/00
114.2–114.8	A 43 d	5/00
		15/00
		19/00
		95/00
115.2–115.8	A 43 d	5/00
		15/00
		19/00
		95/00
116.2–116.8	A 43 d	5/00
		15/00
		19/00
		95/00
117.2, 117.4	A 43 d	5/00
		15/00
		19/00
		95/00
119.5	A 43 d	5/00
		15/00
		19/00
		95/00
120.5	A 43 d	5/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 12—Con.		
		15/00
		19/00
		95/00
122	A 43 d	5/00
123	A 43 d	3/00
		25/10
123.3, 123.5	A 43 d	3/00
		23/00
124 – 127	A 43 d	3/00
		23/00
128, 129.4	A 43 d	3/00
133, 134	A 43 d	3/00
135 – 141	A 43 d	3/00
		23/00
142	A 43 d	9/00
		11/00
		21/00
145	A 43 d	29/00
		31/00
146	A 43 d	
147	A 43 d	25/00
		33/00
148	A 43 d	25/00

U.S. Class 13

Electric furnaces

(IPC H 05 b)

1	H 05 b	
2 – 5	H 05 b	11/00
6	C 03 b	5/02
7	H 05 b	1/00
8	C 22 b	5/16
9 – 13	H 05 b	7/18
14 – 16	H 05 b	7/10
17	H 05 b	7/12
18	H 05 b	7/06
20, 21	H 05 b	3/62
22	H 05 b	3/66
23	H 05 b	3/60
24	H 05 b	3/62
25	H 05 b	3/66
26	H 05 b	5/00
27	H 05 b	5/12
28 – 30	H 05 b	5/14
31 – 35	H 05 b	

U.S. Class 14

Bridges

(IPC E 01 d)

1, 2	E 01 d	1/00
3 – 13	E 01 d	5/00
		9/00
14, 15	E 01 d	19/00
16	E 01 d	19/06
17	E 04 c	3/02
18 – 22	E 01 d	11/00
		17/00
23	E 01 d	21/00
24 – 26	E 01 d	7/00
		9/00
27 – 30	E 01 d	15/08
		15/14
31	E 01 d	15/00
32 – 35	E 01 d	15/04
36 – 41	E 01 d	15/06
		15/08
		19/04
42	E 01 d	15/02
43, 44	E 01 d	15/10
45, 46	E 01 d	15/00
47	E 01 d	19/06
48	E 01 f	13/00
49	E 01 f	9/00
	G 08 b	1/00
50 – 69	E 01 f	13/00
	E 04 h	17/00
70	B 65 g	15/00
71	B 65 g	11/00
72	E 01 d	15/12
73	E 01 d	19/12
74	E 01 d	19/08
75 – 77	E 01 d	19/02

U.S. Class 15

Brushing, scrubbing and general cleaning

(IPC A 47 l)

1	A 47 l	
	E 01 h	
1.5	A 47 l	13/40
1.7	E 04 h	3/20
3	A 47 l	3/00
		11/00
		23/00
	B 08 b	
	D 06 f	15/00
		37/00
		39/00
3.1 – 3.21	A 01 k	43/00
	A 23 n	13/00
3.5 – 3.52	B 08 b	9/00
	B 67 c	1/00
3.53	B 43 l	19/00
4 – 21	A 46 b	13/00
	A 47 l	11/00
	A 63 b	47/04
	A 63 d	5/10
	B 60 s	3/00
22 – 29	A 46 b	13/00
	A 47 l	11/00
		21/02
		23/02
30 – 37	A 47 l	23/02
		23/06
38	A 46 b	
39	A 45 d	24/40
40	A 47 l	11/00
	D 06 g	
41 – 48	A 47 l	11/32
	D 06 g	1/00
49 – 52	A 47 l	11/00
		13/00
53	B 60 s	3/00
54 – 55	B 61 f	19/00
	E 01 h	8/00
56	A 47 l	15/00
	B 67 c	1/08
57 – 58	B 08 b	9/12
	C 12 l	1/02
59 – 76	A 47 l	15/00
	B 67 c	1/08
77	A 47 l	15/00
		25/00
78 – 87	E 01 h	1/02
		1/04
88	A 47 l	15/00
		25/00
89 – 92	A 47 l	11/36
93	A 01 k	31/04
	B 23 d	79/02
	B 67 c	1/10
	C 10 b	43/04
94	A 47 l	
	B 08 b	
	F 28 g	7/00
95 – 96	B 67 c	1/10
97 – 103.5	A 47 l	1/02
		11/02
	B 67 c	
	G 03 d	5/06
104	A 47 l	13/00
		17/00
		21/04
		23/04
		25/00
	B 08 b	
104.01	F 23 j	
104.02	F 23 j	3/00
	F 28 f	15/00
	F 28 g	1/00
104.03 – 104.3	B 08 b	1/00
		7/00
		9/00
	F 16 d	45/00
		55/00
104.5 – 104.54	A 45 d	24/44
104.8	A 46 b	17/08
	A 47 l	13/42
104.9	B 08 l	9/08
	B 67 c	1/08
104.92 – 104.94	B 08 b	1/00
105, 105.5	A 47 l	
105.51	B 25 f	1/00
105.52	B 25 f	1/00
	B 43 l	19/00
105.53	B 26 b	11/00
106 – 121	A 47 l	13/12
		13/14
		13/50
		23/04
	E 04 f	21/16
141	A 47 l	11/36
		13/36
142	A 47 l	23/24
		25/00
143 – 146	A 46 b	5/02
	A 47 k	
	B 25 g	
147 – 154	A 47 l	13/20
159 – 207	A 46 b	
208 – 229	A 47 k	7/02
	A 47 l	1/06
		13/10
		17/08
		23/04
		25/00
	B 43 l	21/00
	B 44 d	3/28
230 – 230.19	B 05 c	1/00
	B 44 d	1/00
		5/00
	B 47 l	
231	A 47 l	13/46
232 – 233	A 47 l	1/06
234 – 235	A 47 l	13/38
235.3	E 04 g	21/20
235.4 – 235.8	E 01 c	19/12
236 – 241	A 47 l	13/02
		17/06
		23/22
242 – 243	F 23 j	3/00
244	A 47 k	7/02
	A 47 l	13/46
	B 43 l	21/00
245	A 47 l	1/06
246	A 47 l	1/00
	B 60 s	1/00
246.5	F 22 b	37/48
247	A 46 b	17/04
	A 47 l	13/44
248	A 46 b	17/00
249	F 23 j	3/00
250 – 250.42	A 47 l	1/00
	B 60 s	1/02
256.5 – 256.6	A 46 b	15/00
	B 21 b	45/02
	B 60 s	1/28
257	A 46 b	17/00
	A 47 g	29/08
	A 47 l	23/14
		25/00
		25/06
257.05, 257.06	A 47 l	13/56
	B 43 l	
257.07	B 43 l	25/00
257.072	B 43 l	25/04
257.073 – 257.076	B 43 l	25/00
257.1 – 257.9	A 47 l	13/52
258 – 259	A 47 l	23/28
260 – 263	A 47 l	13/14
		13/58
264	A 47 j	47/18
	A 47 l	13/50
		17/00
265 – 267	A 47 l	23/16

U.S. Class 15—Con.

U.S. Subclass	IPC Subclass	IPC Notation
		23/18
268	A 47 l	13/54
		21/06
	B 44 d	3/20
300	A 47 l	5/00
		9/00
	B 08 b	5/00
	O 06 g	1/00
301–312	A 47 l	5/38
		15/00
313–315	A 47 l	5/38
		15/00
	B 60 s	1/54
		1/64
316–318	A 47 l	5/38
		15/00
	F 23 j	3/02
319	A 47 l	5/00
320–322	A 47 l	7/00
323–338	A 47 l	5/00
		9/00
339	A 47 l	4/20
		5/00
		7/00
		9/00
340	A 47 l	5/00
		9/00
	E 01 h	1/08
341–343	A 47 l	5/02
		5/08
344	A 47 l	5/24
345–346	A 47 l	5/14
347–353	A 47 l	9/10
		9/20
354–361	A 47 l	5/34
362	A 47 l	5/00
363–382	A 47 l	5/00
		9/04
		9/06
383–392	A 47 l	5/10
		5/26
393–403	A 47 l	5/00
		9/06
404–405	A 47 l	5/00
406–408	A 47 l	5/00
	F 23 j	
409	A 47 l	5/16
410–411	A 47 l	9/00
412	A 47 l	9/22
		9/28
412–413	A 47 l	11/00
		13/00
	A 63 b	47/04
	A 63 d	5/10
414–422	A 47 l	9/02
423	B 43 k	5/00
		13/00
424–426	B 43 l	19/00
427–432	B 43 k	29/02
433–434	B 43 l	19/00
435	B 43 k	3/00
436	B 43 k	3/04
437–444	B 43 k	3/00
445, 446	B 43 k	1/00
447	B 43 k	1/02

U.S. Class 16

Miscellaneous hardware

(IPC E 05 d)

U.S. Subclass	IPC Subclass	IPC Notation
1	A 47 g	1/10
	E 05 b	1/00
	E 05 d	
	E 05 f	1/00
		7/00
2	B 65 d	7/48
		11/26
		55/00
	F 16 l	5/00
3	B 65 d	9/34
4–11	A 47 g	27/04
12–15	A 47 g	27/06
16, 17	A 47 g	27/04
18	B 60 b	33/00
19	B 60 b	33/04
20–23	B 60 b	33/00
24–28	B 60 b	33/08
29–31	B 60 b	33/00
32–34	B 60 b	33/06
35–39	B 60 b	33/00
40	B 60 b	37/00
41	B 60 b	33/00
42	A 47 b	91/06
43–48	A 47 b	91/00
	B 60 b	33/00
48.5	E 05 f	15/20
49	E 05 f	3/00
50	E 05 f	3/20
		3/22
51	E 05 f	3/04
52, 53	E 05 f	3/10
		3/22
54, 55	E 05 f	3/20
		3/22
56	E 05 f	3/04
		3/14
		3/22
57, 58	E 05 f	3/14
		3/22
59, 60	E 05 f	3/04
		3/14
		3/22
61, 62	E 05 f	3/04
		3/14
		3/22
63–65	E 05 f	3/00
66, 67	E 05 f	3/00
68	E 05 f	3/20
		3/22
69, 70	E 05 f	3/00
71	E 05 f	1/00
72–80	E 05 f	1/08
81	E 05 f	1/00
82	E 05 f	5/02
83	E 05 f	5/04
84	E 05 f	3/00
		5/10
85	E 05 f	5/06
86.1	E 05 d	13/00
		15/00
86.2	E 05 d	15/58
87	E 05 d	13/02
87, 2	E 05 d	13/02
87.2	A 47 h	13/00
		15/00
87.4, 87.6	A 47 h	13/00
		15/00
	E 05 d	13/02
		15/06
87.8	A 47 h	13/00
		15/00
	E 05 d	13/02
88–93	A 47 h	15/00
	E 05 d	13/02
94–96	A 47 h	1/04
		15/00
	E 05 d	13/02
		15/06
97–107	A 47 h	15/00
	E 05 d	13/02
108, 109	F 16 l	11/10
		57/00
110–113	A 47 b	95/02
	A 47 j	45/00
	B 65 d	25/28
	E 05 b	1/00
		7/00
114	A 47 b	95/02
	A 47 j	45/10
	B 65 d	25/28
	E 05 b	1/00
		7/00
115	A 47 b	95/02
	A 47 j	45/06
	B 25 g	1/04
	B 65 d	25/28
	E 05 b	5/00
116–120	A 47 b	95/02
	A 47 j	45/08
	B 25 g	1/00
	B 65 d	25/28
	E 05 b	1/00
		7/00
121–127	A 47 b	95/02
	A 47 j	45/06
	B 25 g	1/00
	B 65 d	25/28
	E 05 b	1/00
		7/00
128	E 05 d	9/00
		15/00
	E 05 g	1/06
128.1	E 05 d	1/00
129–134	E 05 d	7/04
135	E 05 d	5/06
136	E 05 d	11/04
137	E 05 d	11/00
138, 139	E 05 d	11/10
140–142	E 05 d	11/08
143–146	E 05 d	11/10
147	E 05 d	15/50
148	E 05 d	11/00
149	E 05 d	7/12
150	E 05 d	7/00
		9/00
151	E 05 d	7/08
152–156	E 05 f	1/06
157–159	E 05 d	5/02
160	E 05 f	7/02
161	E 05 d	11/02
162	E 05 d	3/04
163–166	E 05 d	3/06
		3/08
		3/10
		15/52
		15/54
167	E 05 d	5/02
		5/04
		5/06
168	E 05 d	5/10
169	E 05 d	5/12
170	E 05 d	7/02
171, 172	E 05 d	1/06
		7/10
173	E 05 d	7/10
		15/52
		15/54
174–177	E 05 d	1/06
		7/10
178	E 05 d	1/04
179	E 05 d	15/58
180, 181	E 05 f	1/12
182, 183	E 05 f	1/14
184–190	E 05 f	1/12
191	E 05 d	11/06
192	E 05 d	1/00
193	E 05 d	13/10
		17/00
194	E 05 d	13/14
		17/00
195, 196	E 05 d	13/10
		17/00
197–201	E 05 d	13/12
		17/00
202–219	E 05 d	17/00
220	E 06 b	3/58

U.S. Class 17

Butchering

(IPC A 22 c)

U.S. Subclass	IPC Subclass	IPC Notation
1	A 22 b	
	A 22 c	
11	A 22 b	3/08
	A 22 c	21/00
11.1	A 22 c	21/02
11.2	A 22 c	21/04
11.3, 12	A 22 c	21/00
13–18	A 22 b	5/08
19	A 22 b	5/08
		5/10
20	A 22 b	5/08
21	A 22 b	5/16

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 17—Con.		
23	A 22 b	5/20
24	A 22 b	5/00
		7/00
	A 22 c	17/00
25–31	A 22 c	9/00
32	A 22 c	7/00
33, 34	A 22 c	11/00
35	A 22 c	11/02
		11/06
36	A 22 c	11/02
		11/04
		11/06
37	A 22 c	11/08
38, 39	A 22 c	11/04
		11/06
40	A 22 c	11/08
41, 42	A 22 c	11/02
42.1	A 22 c	5/00
		17/00
	A 66 b	14/01
43	A 22 c	17/14
		17/16
44–44.3	A 22 b	1/00
	A 22 c	15/00
44.4	A 22 b	1/00
	A 22 c	15/00
	A 23 b	1/04
45	A 22 b	3/00
	A 22 c	11/00
		21/00
		25/00
		29/00
46	A 22 c	25/16
47	A 22 b	5/08
	A 22 c	21/02
48	A 22 c	29/00
49	A 22 c	21/00
		25/00
		29/00
50	A 22 c	21/00
		25/02
51	A 22 c	21/04
		25/02
52	A 22 c	25/18
		25/20
53, 54	A 22 b	3/08
	A 22 c	25/00
		29/00
55	A 22 c	25/00
56	A 22 c	25/16
57	A 22 c	25/16
		25/18
58–61	A 22 c	25/14
62	A 22 c	25/02
63	A 22 c	25/14
64	A 22 c	25/02
65	A 22 c	25/02
		25/14
66–69	A 22 b	5/00
70	A 22 b	5/14
71–76	A 22 c	29/00

U.S. Class 18

Plastics

(IPC B 29 c)

1	B 29	
2	B 29 h	
2.4–2.7	B 22 d	23/08
	B 29 c	23/00
3	B 29 j	
3.5	E 04 f	21/28
4–5	B 29 c	
5.1	B 29 d	
5.3–5.6	B 29 d	17/00
5.7	A 61 c	13/00
6–7	B 29 h	5/00
8	O 01 d	
9, 10	B 29 d	7/00
11	B 29 d	7/00
		9/00
12, 13	B 29 f	3/00
14	B 29 d	23/04
15	B 29 d	7/00
16	B 29 c	3/00
	B 30 b	
16.5, 16.7	B 29 c	3/00
17	B 29 h	5/00
18	B 29 h	5/02
19	B 29 c	17/00
20–23	B 29 c	3/00
24, 25	B 29 c	13/00
26	B 29 c	5/00
27	C 11 c	5/00
28	C 09 d	13/00
30	A 43 d	3/00
		35/00
	B 29 f	1/00
32, 33	A 61 c	13/00
34	B 29 c	1/00
34.1	A 61 c	13/00
35	B 29 c	17/00
36, 37	B 29 d	3/00
38	B 29 h	5/00
39	B 29 c	5/00
40	C 11 d	13/16
41	B 29 c	13/00
42	B 29 c	
43	B 29 c	1/16
44	B 29 c	1/00
45	B 29 c	1/06
46	B 29 h	5/12
47	B 29 c	1/02

U.S. Class 19

Textiles, fiber preparation

(IPC D 01 b)

.2–.22	O D1 g	31/00
.23, .24	O D1 g	23/00
		31/00
.25, .26	O D1 g	31/00
.27	D D1 b	1/48
	O D1 g	1/48
		37/00
.3–.64	O D1 g	1/00
		37/00
1	O 01 b	1/00
2	D D1 b	3/00
3	O 01 b	7/00
4	D D1 b	3/00
5, 6	O 01 b	1/10
7	D D1 b	1/10
		3/04
8–32	O 01 b	1/10
33	D D1 b	1/28
34–38	D D1 b	1/10
39	O D1 b	1/04
		1/10
40–42	O D1 b	1/04
43–47	O 01 b	1/06
48	D D1 b	1/04
49–54	D D1 b	1/06
55–64	D D1 b	1/08
65, 66	O D1 b	3/04
80	O D1 b	1/00
	D D1 g	7/00
		9/00
81–97.5	D D1 b	1/00
98	O D1 g	15/00
99–104	O D1 g	15/02
105	O 01 g	15/40
106	O 01 g	15/46
107–111	O D1 g	15/76
112, 113	O D1 g	15/12
114	D D1 g	15/84
115–129	D D1 g	19/00
144	D D1 g	13/00
		25/00
		27/00
144.5	A 61 l	15/00
145–145.7	O D1 g	13/00
148–156.4	O D1 g	25/00
		27/00
157–163	D D4 h	11/00
200	O D1 b	3/00
	O D2 j	7/00
201–205	D D1 b	3/00
215	D D1 g	19/00
216, 217	O D1 g	19/02
218	D D1 g	19/22
219	D D1 g	19/00
220–224	D D1 g	19/04
225–228	O D1 g	19/16
229, 230	O D1 g	19/14
231, 232	D D1 g	19/04
		19/18
233, 234	D D1 g	19/04
235	D D1 g	19/16
236	O D1 h	5/00
237–241	D D1 h	5/32
242, 243	D D1 h	5/00
244	O D1 h	5/86
245	O D1 h	5/60
		5/86
246–256	D D1 h	5/86
257	D D1 h	5/00
258–261	D D1 h	5/74
262–265	D D1 h	5/60
266–268	D D1 h	5/46
269	O D1 h	5/48
270, 271	O D1 h	5/46
272	O D1 h	5/52
		5/54
273, 274	O D1 h	5/46
275, 276	O D1 h	5/48
277	D D1 h	5/50
278	O D1 g	5/46
279–282	D D1 h	5/50
283	O D1 h	5/48
284, 285	D D1 h	5/46
286–292	O D1 h	5/72
		5/74
293	O D1 h	5/18
294, 295	D D1 h	5/56

U.S. Class 21

Preserving disinfecting and sterilizing

(IPC A 61 l)

2	A 61 l	1/00
		3/00
		5/00
		7/00
		9/00
		11/00
		13/00
2.5, 2.7	C 23 f	9/00
		11/00
		13/00
		14/00
		15/00
7	B 27 k	3/00
		5/00
		7/00
53	A 61 l	9/00
54	A 61 l	
55	A 61 l	9/00
		13/00
56	A 61 l	1/00
		3/00
		7/00
57	A 61 l	9/00
58	A 61 l	9/00
		13/00
59	A 61 l	13/00
60	A 61 l	1/00
60.5	B D1 j	1/18
61	A 61 j	3/00
		5/00
		7/00
		9/00
	B 27 k	1/02
		3/00
62	B 27 k	1/02
		3/00
63	B 27 k	3/00
64	B 27 k	5/04
65–68	B 27 k	3/08
		3/10

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 21—Con.		
69, 70	B 27 k	3/04
71 – 73	B 27 k	3/08
74, 75	A 61 l	9/00
76	A 61 l	1/00
		5/00
	O 21 d	3/00
77	A 61 l	9/00
78 – 80	A 61 l	3/00
		7/00
81	A 61 l	3/00
		5/00
		7/00
82 – 90	A 61 l	3/00
		7/00
91 – 100	A 61 l	3/00
		5/00
		7/00
102	A 61 l	3/00
		5/00
		7/00
	H 05 c	1/00
		3/00
103 – 105	A 61 l	3/02
106, 107	A 61 l	31/00
108 – 116	A 61 l	9/00
117 – 127	A 61 l	3/00
		5/00
		7/00
		9/00

U.S. Class 23

Chemistry

(IPC C 01 b)

1	C 01 g	1/00
2	B 01 d	47/00
		47/02
	B 03 c	3/00
	C 01 b	2/30
3	B 01 d	47/00
	C 01 b	1/26
	C 10 h	23/00
	C 10 k	1/00
4	B 01 d	47/00
	C 10 k	1/00
15	C 22 b	59/00
16	C 22 b	59/00
17	C 22 b	59/00
18	C 22 b	59/00
19	C 22 b	59/00
20	C 22 b	59/00
21	C 22 b	59/00
22	C 22 b	59/00
23	C 22 b	59/00
24	C 22 b	59/00
25	B 01 d	47/00
	C 01 b	17/22
	C 01 d	11/00
26	B 01 d	47/00
	C 01 b	17/22
	C 01 d	11/00
27	B 01 d	47/00
	C 01 b	17/22
	C 01 d	11/00
28	B 01 d	47/00
	C 01 b	17/22
	C 01 d	11/00
29	B 01 d	47/00
	C 01 b	17/22
	C 01 d	11/00
30	B 01 d	47/00
	C 01 b	17/22
	C 01 d	11/00
31	B 01 d	47/00
	C 01 b	17/22
	C 01 d	11/00
32	B 01 d	47/00
	C 01 b	17/22
	C 01 d	11/00
33	B 01 d	47/00
	C 01 b	17/22
	C 01 d	11/00
34	B 01 d	47/00
	C 01 b	17/22
	C 01 d	11/00
35	B 01 d	47/00
	C 01 b	17/22
	C 01 d	11/00
36	B 01 d	47/00
	C 01 b	17/22
	C 01 d	11/00
37	B 01 d	47/00
	C 01 b	17/22
	C 01 d	11/00
38	B 01 d	47/00
	C 01 b	17/22
	C 01 d	11/00
39	B 01 d	47/00
	C 01 b	17/22
	C 01 d	11/00
40	B 01 d	47/00
	C 01 b	17/22
	C 01 d	11/00
41	B 01 d	47/00
	C 01 b	17/22
	C 01 d	11/00
42	B 01 d	47/00
	C 01 b	17/22
	C 01 d	11/00
43	B 01 d	47/00
	C 01 b	17/22
	C 01 d	11/00
44	B 01 d	47/00
	C 01 b	17/22
	C 01 d	11/00
45	B 01 d	47/00
	C 01 b	17/22
	C 01 d	11/00
46	B 01 d	47/00
	C 01 b	17/22
	C 01 d	11/00
47	B 01 d	47/00
	C 01 b	17/22
	C 01 d	11/00
48	B 01 d	47/00
	C 01 b	17/22
	C 01 d	11/00
49	B 01 d	47/00
	C 01 b	17/22
	C 01 d	11/00
50	C 01 d	
	C 01 f	
	C 01 g	
51	C 01 g	5/00
		7/00
		15/00
		17/00
		21/22
		23/00
		25/00
		27/00
		49/00
		51/00
52	C 01 f	7/02
53	C 01 g	19/00
		27/00
		29/00
54	C 01 g	21/22
55	C 01 g	3/00
		9/00
56	C 01 g	37/00
		37/14
57	C 01 g	21/00
		21/22
		37/00
58	C 01 g	45/00
59	C 01 b	25/00
60	C 01 b	15/12
61	C 01 c	1/26
	C 01 d	7/00
62	C 01 b	15/10
63	C 01 d	7/00
		11/00
64	C 01 d	7/10
65	C 01 d	7/18
66	C 01 f	11/18
67	C 01 f	5/24
68	C 01 b	31/24
	C 01 g	21/14
69	C 01 b	31/24
	C 01 g	21/14
70	C 01 b	31/24
	C 01 g	21/14
71	C 01 b	31/24
	C 01 g	21/14
72	C 01 b	31/24
	C 01 g	21/14
73	C 01 b	31/24
	C 01 g	21/14
74	C 01 b	31/24
	C 01 g	21/14
75	C 01 c	3/00
76	C 01 c	3/04
77	C 01 c	3/08
		3/12
78	C 01 c	3/00
		3/16
79	C 01 c	3/00
		3/14
80 – 84	C 01 c	3/00
		3/14
85	C 01 b	7/00
86	C 01 b	11/00
87	C 01 b	9/00
	C 01 g	1/06
		3/04
		5/00
		7/00
		9/04
		11/00
		13/04
88	C 01 b	9/08
	C 01 d	3/02
	C 01 f	5/28
		7/50
		11/22
89	C 01 d	3/00
		3/02
		3/04
		3/10
		3/12
90	C 01 f	11/20
91	C 01 f	5/26
92	C 01 f	7/48
93	C 01 f	7/58
94	C 01 f	7/48
		7/62
95	C 01 f	7/48
		7/62
96	C 01 f	7/48
		7/62
97	C 01 g	3/04
		9/04
		21/16
98	C 01 b	27/00
		29/00
	C 01 g	19/04
		57/00
99	C 01 g	19/04
100	C 01 c	1/16
101	C 01 b	21/00
102	C 01 b	21/48
	C 01 f	5/38
		7/66
		11/36
	C 01 g	1/08
		3/08
		21/18
		45/08
103	C 01 c	1/18
104	C 01 b	21/50
105	C 01 b	25/00
106	C 01 b	25/28
		25/30
107	C 01 b	25/28
108	C 01 b	25/32
109	C 01 b	25/32
110	C 01 b	33/00
111	C 01 b	33/28
112	C 01 b	33/28
113	C 01 b	33/28
114	C 01 b	17/00
	C 01 f	5/40
		5/42
		7/68
		11/46

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 23—Con.		
		11/48
115	C 01 b	17/64
116	C 01 b	17/98
117	C 01 g	1/10
		37/08
		45/10
		51/10
		53/10
118	C 01 f	7/76
119	C 01 c	1/24
120	C 01 c	1/24
121	C 01 d	5/00
122	C 01 f	1/46
123, 124	C 01 f	7/70
		7/72
		7/74
125	C 01 g	3/10
		9/06
126	C 01 g	49/14
127	C 01 g	21/20
128	C 01 f	5/40
129	C 01 d	5/00
	C 01 f	5/42
		7/72
		11/48
	C 01 g	1/14
130	C 01 b	17/62
131	C 01 b	17/90
132	C 01 b	17/62
		17/86
133	C 01 c	17/62
		17/84
134	C 01 b	17/22
	C 01 c	1/20
	C 01 f	7/70
	C 01 g	1/12
		49/12
135	C 01 g	3/12
		9/08
136	C 01 b	27/00
		29/00
	C 01 g	19/00
137–138	C 01 b	17/20
139	C 01 b	17/72
		21/32
	C 01 c	3/14
		3/20
	C 01 g	1/02
140	C 01 g	3/00
		9/00
		19/00
		21/00
		57/00
141	C 01 f	7/02
142	C 01 f	7/00
143	C 01 f	7/34
		7/36
144	C 01 b	27/00
		29/00
	C 01 f	19/02
145	C 01 g	37/02
		45/02
146	C 01 g	21/02
147	C 01 g	3/02
		9/02
148	C 01 g	3/02
		9/02
149	C 01 b	15/12
		35/00
150	C 01 b	31/20
		31/22
151	C 01 c	3/00
		3/02
152	C 01 b	7/00
		11/00
153	C 01 b	7/22
		11/24
		33/00
154	C 01 b	7/08
		7/12
155	C 01 b	7/08
		7/12
156	C 01 b	7/08
		7/12
157	C 01 b	21/00
158	C 01 b	21/42
159	C 01 b	21/44
		21/46
160	C 01 b	21/44
161	C 01 b	21/46
162	C 01 b	21/26
		21/30
163	C 01 b	21/00
		21/20
		21/38
165	C 01 b	25/00
		25/12
		25/16
		25/18
166	C 01 b	17/00
		17/16
		17/48
167	C 01 b	17/22
168	C 01 b	17/22
172–173	C 01 b	17/90
174	C 01 b	17/68
175	C 01 b	17/68
176	C 01 b	17/68
177	C 01 b	17/48
178	C 01 b	17/56
179	C 01 b	17/54
		17/56
180	C 01 b	17/48
181	C 01 b	17/16
182	C 01 b	33/00
183	C 01 g	3/02
		9/02
		13/02
		21/12
		51/04
		53/04
184	C 01 d	1/00
185	C 01 d	1/00
186	C 01 f	11/02
187	C 01 b	15/04
	C 01 f	11/02
188	C 01 f	11/02
190	C 01 c	1/00
		1/28
	C 01 g	3/14
191	C 01 b	21/06
	C 01 c	1/08
192	C 01 c	1/00
	C 01 f	7/00
193	C 01 c	1/00
194	C 01 c	1/02
195	C 01 c	1/02
196	C 01 c	1/12
197	C 01 c	1/08
198	C 01 c	1/04
199	C 01 c	1/04
200	C 01 g	49/02
201	C 01 f	5/14
202	C 01 g	23/04
203	C 01 b	17/45
		31/26
204	C 01 b	
	C 01 c	
	C 01 d	
	C 01 f	
205	C 01 b	7/00
		9/00
	C 01 c	1/16
	C 01 f	5/26
		7/48
206	C 01 b	
	C 01 c	
	C 01 f	7/70
	C 01 g	9/08
		49/12
207	C 01 b	15/02
207.5	C 01 b	15/02
208	C 01 b	31/30
	C 22 c	29/00
209	C 01 b	
209.1	C 01 b	31/00
	C 09 c	1/48
209.2	C 01 b	31/00
		31/02
		31/04
		31/06
		31/08
		31/10
		31/12
		31/14
		31/28
		31/30
		31/32
		31/34
		31/36
209.3	C 01 b	31/00
	C 09 c	1/48
	C 10 b	47/00
		49/00
209.4	C 01 b	31/00
	C 09 c	1/48
	C 10 b	47/00
		49/00
209.5	C 01 b	31/00
	C 09 c	1/48
	C 10 b	47/00
		49/00
209.6	C 01 b	31/00
	C 09 c	1/48
	C 10 b	47/00
		49/00
209.7	C 01 b	31/00
	C 09 c	1/48
	C 10 b	47/00
		49/00
209.8	C 01 b	31/00
	C 09 c	1/48
	C 10 b	47/00
		49/00
209.9	C 01 b	31/02
210	C 01 b	1/00
211	C 01 b	1/00
		1/05
		1/08
212	C 01 b	1/00
		1/13
		1/16
213	C 01 b	1/03
		1/10
214	C 01 b	1/08
215	C 01 b	7/00
		7/10
		7/14
216	C 01 b	7/00
		7/10
		7/14
217	C 01 b	7/00
		7/10
		7/14
218	C 01 b	7/00
		7/10
		7/14
219	C 01 b	7/02
220	C 01 b	21/00
221	C 01 b	13/00
222	C 01 b	13/00
223	C 01 b	25/00
223.5	C 01 b	33/02
224	C 01 b	17/00
225	C 01 b	17/02
		17/04
226	C 01 b	17/02
		17/04
227	C 01 b	17/00
		17/12
229	C 01 b	17/00
		17/12
230	G 01 n	31/00
		33/00
231	G 01 n	33/04
		33/06
232	G 01 n	27/62
		29/02
		33/22
252	B 01	
253	G 01 n	29/02
		31/00
		33/00
254	G 01 n	29/02
		31/00
		33/00
255	G 01 n	29/02
		31/00
		33/00
256	G 01 n	25/22

U.S. Class 23—Con.

U.S. Subclass	IPC Subclass	IPC Notation
		25/26
		31/00
		33/00
258	G 01 n	33/04
258.5	A 61 m	
259	B 01 l	3/00
		9/00
259.1	C 05	
259.2	C 05 b	
259.3	C 05	
259.5	C 01 b	49/00
	C 09 c	1/48
	C 10 b	47/00
259.6	C 01 b	49/00
	C 09 c	1/48
	C 10 b	47/00
259.7	C 09 c	1/48
	C 10 b	47/00
		49/00
259.8	C 09 c	1/48
	C 10 b	47/00
		49/00
259.9	C 09 c	1/48
	C 10 b	47/00
		49/00
260	B 01	
261	C 01 b	17/80
262	C 10 b	
263	B 01 d	3/00
264	B 01 d	7/00
	B 01 j	17/28
265	C 01 d	7/18
266	C 06 b	21/00
267	B 01 d	11/00
		15/02
		59/22
269	B 01 d	11/00
		15/02
		59/22
270	B 01 d	11/00
		15/02
		59/22
270.5	B 01 d	11/00
		15/02
		59/22
271	B 01 d	11/00
		15/02
		59/22
272	B 01 d	11/00
		15/02
		59/22
272.5	B 01 d	11/00
		15/02
		59/22
272.6	B 01 d	11/00
		15/02
		59/22
272.7	B 01 d	11/00
		15/02
		59/22
272.8	B 01 d	11/00
		15/02
		59/22
273	B 01 d	9/00
274	B 01 d	1/00
		17/08
275	B 01 d	1/00
	C 10 b	47/00
276	B 01 d	1/00
	C 10 b	47/00
277	B 01 j	6/00
	C 10 b	1/00
		3/00
		7/00
278	B 01 b	7/00
	B 01 j	6/00
	C 10 b	1/00
		3/00
		7/00
279	B 01 j	6/00
	C 10 b	1/00
		3/00
		7/00
280	B 01 d	43/00
		59/06
281	B 01 j	7/00
	C 10 h	
282	B 01 j	7/02
283	B 01 j	
	C 01 b	17/82
		17/84
		17/86
284	B 01 j	
	C 01 b	17/82
		17/84
		17/86
285	B 01 j	
286	B 01 j	
287	C 04 b	1/08
288	B 01 j	9/00
289	B 01 j	9/00
290	B 01 j	3/00
290.5	B 01 j	3/00
291	B 01 l	1/00
292	B 01 l	3/00
293	B 01	
	B 01 j	
294	B 01 d	7/00
	B 01 j	17/28
295	B 01 d	9/00
	B 01 j	17/00
	C 13 k	1/10
296	B 01 d	9/00
297	B 01 d	9/00
298	B 01 d	9/00
	C 13 k	1/10
299	B 01 d	9/00
		11/00
300	B 01 j	17/00
301	B 01 j	17/00
		17/20
302	C 01 d	1/30
		3/24
		7/24
		7/40
303	C 01 d	1/30
		3/00
304	C 01 f	5/34
		11/44
305	C 01 f	7/34
	C 22 b	13/00
306	B 01 d	1/00
		1/30
		11/04
	C 10 g	21/00
307	B 01 d	1/02
		1/22
308	C 01 d	3/20
309	B 01 d	11/00
	B 01 f	1/00
	C 22 b	15/08
		15/10
310	B 01 d	15/02
	B 01 j	9/06
311	B 01 d	15/00
	B 01 j	9/02
		9/04
312	B 01 j	9/04
		9/12
		9/20
		9/22
313	B 01 j	1/02
	C 05 b	19/00
	C 21 b	1/08
314	C 01 b	31/14
	C 09 c	1/58
		1/60
315	C 01 f	
	C 01 g	
316	C 01 g	56/00
		57/00
	C 22 b	61/04
317	C 01 g	56/00
		57/00
	C 22 b	61/04
318	C 01 g	56/00
		57/00
	C 22 b	61/04
319	C 01 g	43/00
320	C 01 g	43/00
321	C 01 g	43/00
322	C 01 g	43/00
323	C 01 g	43/00
324	C 01 g	56/00
		57/00
	C 22 b	61/04
325	C 01 g	56/00
		57/00
	C 22 b	61/04
326	C 01 g	56/00
		57/00
	C 22 b	61/04
327	C 01 g	56/00
		57/00
	C 22 b	61/04
328	C 01 g	56/00
		57/00
	C 22 b	61/04
329	C 01 g	56/00
		57/00
	C 22 b	61/04
330	C 01 g	29/00
		56/00
		57/00
	C 22 b	61/04
331	C 01 f	17/00
	C 01 g	56/00
		57/00
	C 22 b	61/04
332	C 01 g	56/00
333	C 01 g	43/00
334	C 01 g	43/00
335	C 01 g	43/00
336	C 01 g	43/02
337	C 01 g	56/00
		57/00
	C 02 b	1/40
	C 22 b	61/04
338	C 01 g	56/00
		57/00
	C 02 b	1/48
	C 22 b	61/04
339	B 01 d	11/00
	C 01 g	56/00
		57/00
	C 22 b	61/04
340	B 01 d	11/00
	C 01 g	56/00
		57/00
	C 22 b	61/04
341	B 01 d	11/00
	C 01 g	56/00
		57/00
	C 22 b	61/04
342	B 01 f	1/00
	C 01 g	56/00
		57/00
	C 22 b	61/04
343	C 01 g	56/00
344	C 01 g	56/00
345	C 01 f	1/00
		15/00
346	C 01 g	1/00
		43/00
347	C 01 g	1/00
		43/00
348	C 01 g	1/00
		43/00
349	C 01 g	1/00
		43/00
350	C 01 g	1/06
		43/04
351	C 01 g	1/06
		43/08
352	C 01 g	1/06
		43/06
353	C 01 g	1/06
		43/06
354	C 01 g	1/02
		43/02
355	C 01 g	1/02
		43/02
356	C 01 b	21/00
	C 01 c	3/00
		3/16
357	C 01 b	21/06
		21/54
	C 01 c	1/20
		1/22
		1/24

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 23—Con.		
358	C 01 b	21/06
		21/35
359	C 01 c	
360	C 01 b	33/04
	C 01 d	1/04
	C 01 g	21/12
		45/02
		49/02
361	C 01 b	6/08
362	C 01 b	6/08
363	C 01 b	6/00
		6/08
364	C 01 g	1/08
365	C 01 b	6/00
		6/34
		7/44
		7/46
	C 01 f	7/46
366	C 01 b	23/04
367	C 01 b	
	C 01 c	
	C 01 d	
368	C 01 b	25/10
	C 01 f	
	C 01 g	

U.S. Class 24

Buckles, buttons, clasps, etc

(IPC A 44)

1	A 44 b	21/00
2	B 42 d	3/10
2.5	F 41 c	23/00
3, 4	A 44 b	21/00
	A 45 f	5/02
5, 6	A 45 f	5/08
7 – 9	A 45 f	5/04
10 – 12	B 43 k	25/00
13	A 44 b	21/00
	A 45 f	5/02
14		
15	A 41 f	17/00
	A 44 b	21/00
16 – 19	B 65 d	63/00
		67/02
20	B 65 d	63/02
21 – 24	B 65 d	63/06
25	B 65 d	63/08
26	B 65 d	63/06
27 – 30	B 65 d	63/10
30.5	B 65 d	77/10
31, 32	F 16 g	3/00
		7/00
33	F 16 g	3/02
34	F 16 g	3/10
35, 36	F 16 g	3/00
		7/00
37	F 16 g	3/08
38, 39	F 16 g	3/00
		7/00
40	A 41 f	1/02
	A 43 c	11/02
	A 44 b	1/18
	A 47 j	51/07
41 – 48	A 41 b	7/04
		7/06
	A 44 b	5/00
49	A 41 d	25/04
		25/10
50 – 55	A 41 d	25/04
56 – 65	A 41 d	
66	B 42 f	1/02
67 – 67.7	B 42 f	1/00
67.11	B 42 f	1/00
67.9	B 42 f	1/02
68 – 71.3	A 43 c	11/00
	A 44 b	21/00
72	A 41 f	17/00
72.5	A 47 c	21/00
	A 47 d	7/06
72.7	B 44 d	3/18
73	A 44 b	21/00
74	A 44 b	11/00
75	A 44 b	11/25
76	A 44 b	11/00
77, 78	A 44 b	11/25
79	A 44 b	11/00
80	A 44 b	1/18
81 – 83	A 44 b	21/00
84	A 44 b	13/00
85 – 88	A 44 b	9/00
89	A 44 b	1/18
90 – 91	A 44 b	1/18
92, 93	A 44 b	1/12
		1/14
94 – 96	A 44 b	1/42
97 – 103	A 44 b	1/18
104	A 44 b	1/28
105	A 44 b	1/30
106 – 110	A 44 b	1/38
111, 112	A 44 b	1/18
113	A 44 b	1/12
		1/14
114	A 44 b	1/16
114.5, 115	F 16 g	11/00
116	F 16 g	15/00
117 – 124	F 16 g	11/00
125	F 16 g	11/06
126 – 134	F 16 g	11/00
135	F 16 g	11/06
136	F 16 g	11/00
137 – 139.1	D 06 f	
140	A 43 c	1/00
		7/00
		9/00
141, 142	A 43 c	5/00
143	A 43 c	9/00
	B 21 d	53/58
144, 145	A 43 c	1/00
		7/00
146, 147	A 43 c	3/00
	B 21 d	53/46
148, 149	A 43 c	1/00
		7/00
150 – 152	A 44 b	9/00
153 – 154	A 44 b	9/00
	B 42 f	3/00
155	A 44 b	9/00
156 – 159	A 44 b	9/10
		9/12
160	A 44 b	9/18
161, 162	A 44 b	9/00
163	A 44 b	11/00
164 – 167	A 44 b	11/00
	B 68 b	5/00
168, 169	A 44 b	11/06
	B 68 b	5/00
170	A 44 b	11/12
	B 68 b	5/00
171	A 44 b	11/10
	B 68 b	5/00
172 – 183	A 44 b	11/00
	B 68 b	5/00
184, 185	A 44 b	11/00
186 – 190	A 44 b	11/20
191 – 193	A 44 b	11/12
194 – 196	A 44 b	11/10
197 – 200	A 44 b	11/00
201 – 204	A 44 b	17/00
		19/00
205 – 205.16	A 44 b	19/00
205.17 – 207	A 44 b	17/00
		19/00
208 – 224	A 44 b	17/00
225 – 229	A 44 b	13/00
230	A 44 b	19/00
230.5	A 43 c	11/08
	A 44 b	13/00
231, 232	A 43 c	11/08
	A 44 b	13/00
233 – 237	A 44 b	13/02
238	A 44 b	13/00
239	A 44 b	13/02
240	A 44 b	13/00
		15/00
241, 242	A 44 b	13/00
243 – 264	A 44 b	21/00
265	A 44 c	5/18
266	A 41 f	1/00
	A 44 b	21/00
267	A 41 f	1/00
	A 44 b	21/00
268 – 286	B 65 d	63/00

U.S. Class 25

Plastic block and earthenware apparatus

(IPC B 28 b)

1	B 28 b	
2	B 28 b	15/00
3	B 28 b	3/00
	C 04 b	35/00
4	B 28 b	3/00
5	A 63 b	
	B 28 b	3/00
6	A 24 f	1/00
	B 28 b	
7	C 11 d	13/14
8	C 11 d	13/18
9, 10	C 11 d	13/14
11 – 13	B 28 b	3/20
14	B 28 b	3/22
15, 16	B 28 b	3/24
17 – 20	B 28 b	3/26
21	B 28 b	3/00
22, 23	B 28 b	1/00
24 – 26	B 28 b	1/02
27	B 28 b	3/00
28	B 28 b	3/00
		13/00
29	B 28 b	1/14
30 – 40	B 28 b	21/00
41 – 43	B 28 b	7/00
44	B 28 b	7/20
45	B 28 b	3/00
46 – 53	B 28 b	5/00
54 – 62	B 28 b	3/00
63 – 74	B 28 b	5/00
75	B 28 b	3/00
		5/00
76, 77	B 28 b	3/12
78 – 82	B 28 b	3/00
		5/00
83 – 98	B 28 b	3/00
99, 100	B 28 b	5/00
101, 102	B 28 b	7/00
103	B 28 b	13/00
104	B 28 b	11/00
104.5	E 04 f	13/00
105	B 26 d	
	B 28 b	7/14
		11/14
106	C 11 d	13/22
107 – 114	B 28 b	11/14
118 – 119	B 28 b	7/00
120	B 28 b	7/10
121	B 28 b	7/00
122	B 28 b	7/36
123	B 28 b	7/00
124	E 03 b	11/00
125	B 28 b	3/00
	E 04 h	17/00
126 – 129	B 28 b	1/00
		7/00
130	E 04 h	13/00
131	A 61 g	17/00
	B 28 b	7/00
	E 04 h	7/00
131.5, 131.6	E 01 g	3/00
		5/00
132	F 27 b	
133	F 27 b	
	F 27 d	
134	F 27 b	9/00
	F 27 d	3/00
135 – 141	F 27 b	
142	F 27 b	9/00
143	F 27 b	1/00
		9/00
144	F 27 b	5/00
145 – 151	F 27 b	
152	F 27 b	21/02

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 25—Con.		
153	F 27 d	5/00

U.S. Class 26

Textiles, cloth finishing

(IPC D 06 c)

1, 2	D 06 c	29/00
3 – 5	D 06 c	9/00
		23/02
6	D 06 c	9/04
7	D 06 c	13/00
8 – 10	D 06 c	13/08
10.4	D 06 c	13/00
11, 11.4, 12	D 06 c	13/06
13	D 06 c	13/10
14	D 03 d	39/22
15	D 06 c	13/00
16, 17	D 06 c	23/02
18	D 06 c	13/00
18.5	D 06 c	23/04
		29/00
18.6	D 06 c	21/00
19 – 21	D 06 c	17/00
	D 06 m	3/14
22, 23	D 06 c	17/04
24	D 06 c	17/00
	D 06 m	3/14
25	D 06 c	15/00
26	D 06 c	15/14
27 – 29	D 06 c	11/00
30	D 06 c	11/00
		23/00
31 – 37	D 06 c	11/00
51	D 06 c	3/00
51.3, 51.4	D 06 c	3/00
	D 06 h	3/12
51.5	D 06 c	3/00
	D 06 h	3/08
52 – 54	D 06 c	3/00
55, 56	D 06 c	3/00
		5/00
57 – 60	D 06 c	3/00
61	D 06 c	3/02
62	D 06 c	3/10
63 – 66	D 06 c	3/06
67, 68	D 06 c	3/00
69	D 06 c	23/00
70	D 06 c	3/00

U.S. Class 27

Undertaking

(IPC A 61 g)

1 – 20	A 61 g	17/00
21 – 25	A 01 n	1/00
26	A 61 g	19/00
27	A 61 g	17/00
28	A 61 g	1/00
		3/00
		7/10
29, 30	E 02 d	19/00
31	A 61 g	17/04
	A 62 b	33/00
32 – 34	A 61 g	19/00
35	A 61 g	17/00

U.S. Class 28

Textiles, manufacturing

(IPC D 04 h)

1	D 02 g	3/00
2	D 04 d	7/06
		7/08
	D 05 c	15/08
3	D 03 c	9/00
4	D 04 h	18/00
5	D 04 h	17/00
7 – 13	D 04 h	17/10
14	D 04 h	17/00
15	D 02 h	13/38
	D 03 c	9/06
	D 06 c	3/08
16	D 02 j	1/02
17	D 04 b	19/00
	D 06 c	29/00
18	D 04 b	19/00
	D 06 c	29/00
19, 20	D 03 d	45/58
21	B 65 h	55/00
22	D 02 h	3/00
23 – 27	D 02 h	3/00
		11/00
28	D 03 j	1/02
29	D 03 c	19/00
30	D 02 h	13/16
31	D 02 h	13/34
32	D 02 h	5/00
33	D 02 h	5/00
		11/00
34	D 02 h	5/00
	D 03 j	1/16
35	D 02 h	13/22
	D 03 d	49/04
36	D 02 h	13/14
		13/26
37, 38	D 02 h	13/00
39	D 02 h	13/12
	D 03 d	49/10
40	D 02 h	9/00
41	D 03 j	1/14
42	D 02 h	13/38
	D 03 j	1/14
43 – 46	D 03 j	1/14
47, 48	D 03 j	1/16
49	D 03 j	1/18
		3/00
50	D 02 h	13/02
	D 03 d	51/00
51	D 02 h	13/08
	D 03 d	45/10
		51/28
52	D 02 h	13/06
	D 03 d	45/04
		51/22
53	D 02 h	13/06
	D 03 d	45/04
		51/22
54	D 01 d	11/04
	D 01 h	13/04
	D 02 h	13/16
55	D 02 h	13/18
55.2	D 02 j	3/16
	D 06 c	9/00
55.3	D 02 j	7/00
	D 06 c	29/00
55.5	D 05 c	15/26
55.6, 56	D 03 d	39/02
	D 05 c	15/14
		15/18
57	D 02 j	11/00
58	D 02 j	1/00
		3/00
59	D 02 g	1/16
	D 06 c	1/00
59.5	D 02 j	1/22
	D 06 c	1/00
		3/00
60	D 06 c	1/00
61	D 02 j	13/00
	D 06 c	1/00
62	D 02 j	13/00
63	D 02 j	3/16
	D 06 c	9/00
64	D 01 h	13/22
	D 02 j	1/14
65	D 02 j	3/04
66	D 02 j	3/14
67	D 02 j	1/10
68	D 02 j	3/02
		3/12
69	D 02 j	3/02
		3/12
70	D 02 j	3/02
		3/12
71	D 02 j	3/02
		3/12
71.3, 71.4	D 02 j	1/22
72	D 04 h	17/00
	D 05 c	15/00
72.2	D 04 h	18/00
72.3	D 04 h	17/00
72.5	D 02 h	3/00
		11/00
	D 03 c	19/00
	D 03 j	1/02
		1/14
		1/16
		3/00
72.6	D 02 g	1/16
		3/36
	D 02 j	3/18
	D 06 c	1/00
73	D 02 g	3/36
		3/40
74	D 02 g	3/36
	D 02 j	3/18
	D 06 p	
75	D 01 d	11/06
	D 02 g	3/36
76	D 02 g	1/16
	D 06 c	1/00
77	D 04 h	17/00
	D 05 b	1/00
		3/00
		5/00
		7/00
		9/00
		11/00
		13/00
		17/00
		19/00
		21/00
		23/00
		25/00
382	E 01 b	19/00

U.S. Class 29

Metal working

(IPC B 23 p)

1	B 21 d	53/00
	B 23 p	13/00
		15/00
		17/00
1.1, 1.11	B 23 p	13/00
1.2, 1.22, 1.23	B 21 k	21/06
1.3, 1.31, 1.32	B 21 d	51/54
	B 21 k	21/04
	B 23 p	15/22
2	B 23 p	13/00
2.1 – 2.25	B 21 d	43/00
	B 26 d	3/16
3	B 21 d	53/46
4	B 21 f	45/28
4.5	B 23 p	17/06
5	B 21 g	7/08
6	B 21 k	1/08
6.1	B 21 d	31/04
6.2	B 21 d	31/02
7	B 21 k	1/44
7.1 – 7.3	B 21 f	25/00
8	B 23 p	13/00
9	B 21 f	45/12
10	B 23 p	5/00
11	B 21 d	53/40
	B 21 k	13/02
12	B 23 p	13/00
13	B 21 f	45/22
		45/24
14	B 21 h	7/06
	B 21 k	19/02
15, 16	B 23 p	13/00
17 – 20	B 21 d	33/00
20.1	B 26 d	3/10
21 – 22	B 23 p	17/00
23	B 23 p	13/00
23.5	B 21 h	7/16

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 29—Con.		
	B 23 p	15/02
		15/04
24	B 23 p	17/00
24.5	B 23 p	19/04
25	B 21 f	41/00
25.1, 25.11	H 01 j	9/00
25.12	F 23 q	3/70
	H 01 t	13/00
25.13	H 01 j	9/18
25.14	H 01 j	9/00
25.15, 25.16	H 01 j	9/18
		9/36
25.17	H 01 j	9/00
25.18	H 01 j	9/16
		9/44
25.19	H 01 j	9/06
		9/10
		9/46
25.2	H 01 j	9/06
		9/48
25.35	B 01 j	17/00
	H 04 r	17/00
25.41, 25.42	H 01 g	13/00
26	B 23 b	39/00
27	B 23 b	7/00
		9/00
28	B 23 b	25/00
29	B 23 b	5/28
30	B 23 b	1/00
33	B 21 b	15/00
	B 23 p	23/04
		25/00
33.2	A 41 h	37/06
	B 29 d	5/00
33.5, 33.52	B 23 p	23/04
34	B 23 b	11/00
35.5, 36	B 23 b	3/16
		7/04
37, 38	B 23 p	23/00
39 – 49	B 23 b	3/16
		7/04
51	B 23 d	1/00
52	B 23 c	1/00
53	B 23 b	11/00
		35/00
54 – 56	B 23 c	1/00
57	B 23 b	25/00
	B 23 q	39/00
64	B 23 p	23/00
65	B 23 p	23/00
	B 23 q	5/00
76	B 23 d	67/00
		69/00
77	B 23 d	73/02
78	B 23 d	71/00
79	B 23 d	71/00
80	B 23 d	71/04
81	B 21 c	43/00
	B 23 p	25/00
89.5	B 23 p	9/00
		25/00
90	B 21 c	37/30
	B 24 b	39/00
90.1 – 90.5	B 24 b	39/00
91, 91.1	B 68 g	7/00
91.2 – 91.4	B 68 g	7/08
91.5	B 68 g	7/00
91.6	B 68 g	7/10
91.7, 91.8	B 68 g	15/00
95	B 23 p	15/28
	B 26 d	1/00
95.1	B 23 p	15/42
	B 26 d	1/04
96 – 102	B 26 d	1/00
103 – 105	B 26 d	1/12
106	B 26 d	1/00
110	B 21 b	13/02
		27/00
		31/08
	B 25 f	1/00
	B 60 b	5/00
110.5	B 05 c	1/08
111	B 21 b	31/16
112	B 05 c	1/08
113	B 21 b	31/32
	B 60 b	9/22
114	B 21 b	27/06
	B 60 b	19/10
115	B 60 b	15/16
116	B 21 b	13/02
117	B 60 b	9/00
118, 119	B 60 b	7/00
120	B 21 b	31/08
	B 60 b	7/00
121	B 21 b	27/02
		31/08
	B 60 b	7/00
		15/00
122	B 21 b	7/02
		27/02
		31/08
123	B 21 b	31/08
	B 60 b	7/04
		7/06
124, 125	B 21 b	31/08
	B 60 b	7/04
		11/04
126 – 128	B 21 b	31/08
	B 60 b	7/04
		9/00
		15/00
129	B 21 b	31/08
	B 60 b	7/06
129.5	B 21 b	31/08
	B 60 b	7/02
130, 131	B 21 b	31/08
	B 60 b	7/04
132	B 21 b	31/08
	B 60 b	5/00
		21/00
148.3	B 21 h	7/00
	B 21 k	19/00
148.4	B 21 d	53/12
	B 21 h	1/12
		1/14
	B 21 k	1/02
		1/04
149.5	B 21 d	53/10
150	B 23 p	13/00
155	B 23 p	17/00
156.4	B 23 p	15/00
156.5	B 23 p	15/10
156.6 – 156.63	B 23 p	15/06
156.7	B 21 k	1/20
	B 23 p	13/00
156.8	B 21 k	3/04
	B 23 p	15/02
		15/04
157 – 158	B 21 d	53/00
	B 21 k	29/00
	B 23 p	15/26
159	B 21 d	53/26
	B 21 k	1/28
		1/42
159.01	B 21 h	1/02
	B 21 k	1/32
159.02, 159.03	B 21 f	39/00
	B 21 k	1/34
159.1	B 21 h	1/10
	B 21 k	1/38
159.2	B 21 d	53/28
	B 21 h	5/00
	B 21 k	1/30
	B 23 p	15/14
	B 29 d	15/00
159.3	B 21 k	1/40
160	B 23 p	15/12
160.6	B 21 f	43/00
	B 23 p	13/00
161	B 21 d	53/38
	B 21 k	13/00
163.5	B 23 p	15/16
168	B 21 h	1/04
		1/08
	B 23 p	15/20
169.5	B 29 d	17/00
172	B 23 p	13/00
173	B 21 f	35/00
	B 23 p	13/00
175 – 179	B 23 p	13/00
180	B 21 f	
	B 22 f	
	B 32 b	
182 – 182.3	B 22 f	3/00
		5/00
		7/00
182.5 – 182.8	B 22 f	3/00
		5/00
		7/00
	C 22 c	29/00
		31/04
183	B 22 f	5/00
183.5	B 21 b	
	B 21 c	
	B 21 f	
	C 22 c	
184 – 190	B 21 c	1/00
		27/00
	B 21 f	
	B 21 h	3/00
191	B 21 d	39/00
	B 23 p	3/00
191.2	B 22 b	7/00
		9/00
	B 23 p	3/00
191.4	B 23 p	3/20
191.6	B 21 c	37/00
	B 21 f	
	B 23 p	3/00
192	B 22 f	
193	B 21 c	37/00
	B 21 f	
194 – 199	B 23 p	3/00
200	B 23 p	19/00
201	B 21 d	53/10
	B 23 p	19/04
202	B 23 p	15/16
202.5	B 23 p	19/04
203	H 01 r	
204	H 01 m	
205	H 02 k	15/00
206	H 01 r	1/00
207	B 23 p	19/04
207.5	A 41 h	37/06
	B 21 d	53/50
	B 29 d	5/00
208	B 23 p	19/04
209	B 23 p	15/00
210	B 23 p	19/04
210.1	B 23 p	19/02
211, 212	B 23 q	7/10
213 – 221.5	B 23 p	19/04
222 – 224	B 23 p	15/10
225 – 232	B 23 p	19/04
233	B 23 p	15/18
234	B 23 p	19/04
235 – 236	B 23 p	19/02
237 – 241	B 23 p	19/04
242	B 21 k	5/00
243	B 23 p	19/04
243.5 – 243.58	B 23 p	11/00
244 – 250	B 23 p	19/04
251	B 23 p	19/02
252 – 269	B 23 p	19/04
270	B 25 b	27/00
271 – 281	B 25 b	27/14
282	B 21 d	39/04
	B 23 p	19/04
283	B 23 q	1/00
		3/00
		7/04
400	B 23 p	17/00
401	B 22 d	19/10
	B 23 p	7/00
402	B 22 d	19/10
	B 23 p	7/04
403 – 407	B 23 q	17/00
408	B 21 d	53/50
	B 21 f	45/18
	B 29 d	5/00
409	B 21 d	53/54
	B 21 f	45/18
	B 29 d	5/00
410	B 21 d	53/52
	B 21 f	45/18
	B 29 d	5/00
411 – 419	B 23 p	17/00
420	B 22 f	
420.5	B 22 f	3/24
421 – 425	B 23 p	17/00

U.S. Class 29—Con.

U.S. Subclass	IPC Subclass	Natation
426	B 23 p	19/00
427	B 23 p	19/02
428 – 431	B 23 p	19/00
432 – 432.2	B 23 p	11/00
433	B 23 p	19/04
434 – 436	B 23 p	19/00
437 – 444	B 23 p	11/00
445	B 23 p	9/00
446 – 451	B 23 p	11/02
452	B 21 d	39/00
453	B 23 p	11/02
454	B 23 p	19/04
455	B 21 d	39/00
	B 23 p	19/04
458, 459	B 23 p	3/00
		25/00
460	B 23 p	3/00
		19/04
461	B 23 p	25/00
462	B 23 p	19/00
		25/00
463	B 21 d	39/02
464 – 468	B 23 q	3/00
469	B 23 p	21/00
470	B 23 k	
470.1	B 23 k	21/00
470.3	B 23 k	27/00
470.5 – 470.7	B 23 k	31/02
470.9	B 23 k	1/20
471.1 – 473.1	B 23 k	31/02
473, 5	B 21 d	39/04
473.3	B 21 d	39/04
	B 23 k	1/00
		12/00
473.5	B 21 d	39/04
	B 23 k	13/00
473.7 – 474.3	B 21 d	39/04
474.4 – 474.6	B 21 d	39/04
	B 23 k	1/00
475 – 481	B 23 k	31/02
482, 483	B 23 k	1/20
		31/02
484	B 23 k	31/02
485	B 21 l	3/02
486	B 23 k	29/00
487	B 23 k	31/02
488	B 23 k	1/20
		31/02
489, 490	B 23 k	31/02
491	B 23 k	5/22
		31/02
492	B 23 k	31/02
493	B 23 k	5/22
		31/02
494	B 23 k	31/02
		35/38
495, 496	B 23 k	31/02
		35/36
497	B 23 k	31/02
		35/24
497.5	B 23 5	31/02
498	B 23 k	31/02
		35/24
498.5	B 23 k	23/00
499	B 23 k	31/02
		35/00
500 – 502	B 23 k	35/12
503	B 23 k	31/02
		35/12
504	B 23 k	31/02
		35/24
505, 506	B 21 d	39/00
	B 23 p	11/00
507, 508	B 21 d	39/00
	B 23 p	11/02
509 – 521	B 21 d	39/00
	B 23 p	11/00
522 – 524	B 21 d	39/00
	B 23 p	11/02
525	B 23 p	19/02
526	B 23 p	19/00
526.2 – 530	B 23 p	17/00
		25/00
557, 558	B 23 p	13/04
559	B 23 q	7/00
560, 560.1	B 23 p	23/00
567	B 26 d	1/00
568	B 23 q	
569	B 01 j	17/00
	H 01 l	7/00
570	B 01 j	17/00
	H 01 g	9/00
571	B 01 j	17/00
	H 01 g	13/00
	H 01 l	11/14
572	B 01 j	17/00
	H 01 c	7/08
	H 01 g	9/00
	H 01 l	15/02
573	B 01 j	17/00
	H 01 l	15/00
	H 01 n	49/00
574	B 01 j	17/00
	H 01 l	7/00
575	B 01 j	17/00
	H 01 l	7/12
		7/28
576	B 01 j	17/00
	H 01 l	7/00
577	B 01 j	17/00
	H 01 l	1/16
		1/24
		7/68
578	B 01 j	17/00
	H 01 l	5/00
		7/10
		7/12
		7/48
		7/54
579	B 01 j	17/00
	H 01 l	5/00
		7/10
		7/54
580	B 01 j	17/00
	H 01 l	5/00
581	B 01 j	17/00
	H 01 l	7/06
		7/24
		7/62
582	B 01 j	17/00
	H 01 l	7/42
		7/46
		7/48
583	B 01 j	17/00
	H 01 l	7/66
584	B 01 j	17/00
	H 01 l	7/18
		7/28
		7/54
		7/62
585	B 01 j	17/00
	H 01 l	7/20
		7/30
		7/58
		7/62
586	B 01 j	17/00
	H 01 l	7/18
		7/28
		7/54
587	B 01 j	17/00
	H 01 l	5/04
		7/60
		9/08
		11/02
		11/04
		15/08
588	B 01 j	17/00
	H 01 l	1/10
589	B 01 j	17/00
	H 01 l	7/02
		7/16
590	B 01 j	17/00
	H 01 l	7/24
591	B 01 j	17/00
	H 01 l	1/14
		5/02
592	H 01 s	4/00
593	G 01 r	
	G 05 f	
	H 01 h	
594	H 04 r	31/00
595	G 01 r	3/00
596	H 02 k	15/00
		15/14
		15/16
597	H 01 r	43/00
598	H 02 k	15/02
		15/10
599	H 01 v	11/00
600	H 01 p	11/00
	H 01 q	13/00
601	H 01 q	17/00
602	H 01 f	7/06
603	G 11 b	5/42
	H 01 f	7/06
604	H 01 f	7/06
605	H 01 f	7/06
606	H 01 f	7/06
607	H 01 f	7/06
608	H 01 f	3/08
		7/06
609	H 01 f	3/04
		7/06
610	H 01 c	17/00
611	H 05 b	3/00
612	H 01 c	7/04
613	H 01 c	1/02
		17/00
614	H 01 c	7/00
		17/00
615	H 01 c	15/04
		17/00
616, 617	H 01 c	1/02
		17/00
618	H 01 c	3/00
		5/00
		17/00
619	H 01 c	1/14
		17/00
620	H 01 c	7/00
		17/00
621	H 01 c	1/14
		17/00
622	H 01 h	11/00
		11/02
		11/04
		65/00
623	H 01 h	69/02
624	H 01 b	13/00
	H 05 k	3/00
625	B 41 m	3/08
	H 05 k	3/00
626	H 05 k	3/30
627	H 05 k	3/28
628	H 01 r	43/00
	H 05 k	
629	H 02 g	15/00
630	H 01 r	9/00
631	H 01 b	19/00

U.S. Class 30

Cutlery

(IPC B 26 b)

U.S. Subclass	IPC Subclass	Natation
1	B 26 b	
1.5, 2	B 67 b	7/00
3	B 67 b	7/24
		7/30
		7/38
4	B 67 b	7/38
5	B 67 b	7/24
		7/30
		7/38
5.5	B 67 b	7/24
6	B 67 b	7/24
		7/30
		7/38
6.1	B 67 b	7/24
6.3	B 67 b	7/26
6.4	B 67 b	7/24
6.5, 7	B 67 b	7/24
		7/30
		7/38
8	B 67 b	7/30
		7/38
8.5, 9	B 67 b	7/32
		7/38

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 30—Con.		
10,11	B 67 b	7/30
		7/38
14–15.5	B 67 b	7/32
		7/38
16	B 67 b	7/24
17–21.5	B 67 b	7/30
		7/38
22–25	B 67 b	7/24
26–29	A 45 d	29/00
29.5	B 26 b	19/00
30,31	B 26 b	19/00
		21/12
32	B 26 b	21/00
34	B 26 b	19/38
34.1	B 26 b	19/06
		19/10
		19/38
34.2	B 26 b	19/42
35–39	B 26 b	19/38
40	B 26 b	21/24
40.1	B 26 b	21/26
40.2	B 26 b	21/24
41–41.6	B 26 b	19/44
41.9	B 26 b	17/04
42	B 26 b	19/28
43	B 26 b	19/20
43.1–43.3	B 26 b	19/00
43.4–43.6	B 26 b	19/14
43.7–43.9	B 26 b	19/12
43.91,43.92	B 26 b	19/02
44,45	B 26 b	19/28
46	B 26 b	19/30
47–50	B 26 b	21/00
51	B 26 b	21/08
52–55	B 26 b	21/00
57–89	B 26 b	21/14
90	B 26 b	21/40
90.1–91.2	B 21 f	13/00
	B 26 b	27/00
92–108	B 23 d	21/06
	B 26 b	27/00
	B 26 d	3/16
109–113	A 24 c	1/24
		5/12
		5/28
114	A 47 j	3/06
		9/00
115–117	A 21 c	5/00
118	A 41 h	25/00
	B 26 b	1/00
		13/00
119	A 41 h	25/00
	B 26 b	1/00
120	A 41 h	25/00
	B 26 b	13/06
121	B 26 b	23/00
122	B 25 f	3/00
	B 26 b	11/00
123–136.5	B 25 f	3/00
	B 26 b	1/00
		3/00
		11/00
137	A 47 j	43/28
	B 25 f	3/00
	B 26 b	1/00
		3/00
		11/00
138,139	B 25 f	3/00
	B 26 b	1/00
		3/00
		11/00
140	B 25 f	3/00
	B 26 b	1/00
		3/00
		11/00
141	A 47 j	43/28
142–146	B 25 f	3/00
	B 26 b	1/00
		3/00
		11/00
147–150	A 47 j	43/28
151–164	B 26 b	3/06
	F 41 b	13/02
	F 41 c	27/02
164.5–164.8	B 02 c	18/00
	F 25 c	5/16
164.9–164.95	B 26 b	3/00
165	B 26 b	
166	B 23 d	45/00
	B 27 b	23/00
167	B 23 d	49/00
168–172	B 26 b	3/00
173,174	B 26 b	13/00
		15/00
		17/00
175–193	B 26 b	17/00
194	B 26 b	13/00
		19/00
195	B 26 b	19/22
196–204	B 26 b	19/00
205–207	B 26 b	19/14
208–222	B 26 b	19/02
		19/12
223–225	B 26 b	19/00
226,227	B 26 b	13/00
228	B 26 b	15/00
229–263	B 26 b	13/00
264	B 26 b	15/00
265	B 26 b	13/00
266	B 26 b	13/28
267–271	B 26 b	13/00
272–277	B 26 b	7/00
278–283	B 26 b	3/00
284–295	B 26 b	29/00
296–298	B 26 b	27/00
299–319	B 26 b	3/00
320,321	B 26 b	1/00
322–328	A 47 j	43/28
329–339	B 26 b	1/00
340,341	B 25 g	1/00
		3/00
342–345	B 26 g	3/00
346	B 26 b	9/00
346.5	B 26 b	21/54
346.51	B 26 b	19/04
346.52–346.61	B 26 b	21/54
347–352	B 26 b	9/00
353	B 26 b	9/00
		19/04
355–357	B 26 b	9/02
358–368	B 26 f	1/00

U.S. Class 31

Dairy

(IPC A 01 j)

1	A 01 j	
2	A 01 j	11/00
		13/00
3	A 01 j	11/10
4	A 01 j	11/00
5	A 01 j	19/00
		21/00
		23/00
6–11	A 01 j	19/00
		21/00
		23/00
		25/00
12	A 01 j	21/00
13–32	A 01 j	19/00
		21/00
		25/00
33	A 01 j	15/00
34	A 01 j	15/00
35–41	A 01 j	17/00
44	A 01 j	25/15
46	A 01 j	25/00
47	A 01 j	25/02
48	A 01 j	25/06
49	A 01 j	25/16
89	A 01 j	15/00
		25/00
		27/00

U.S. Class 32

Dentistry

(IPC A 61 c)

1	A 61 c	19/00
2	A 61 c	13/00
3	A 61 c	13/24
4	A 61 c	13/00
5–7	A 61 c	13/22
8–11	A 61 c	13/00
	C 08 f	
12,13	A 61 c	5/08
14	A 61 c	7/00
15,16	A 61 k	5/02
17–21	A 61 c	9/00
22	A 61 c	19/02
23–25	A 61 c	1/00
26	A 61 c	1/08
27	A 61 c	1/10
28	A 61 c	1/08
29–31	A 61 c	1/16
32	A 61 c	11/00
33	A 61 c	17/04
34–36	A 61 c	5/12
37	A 61 c	5/06
38	A 61 c	3/00
39	A 61 c	19/02
40	A 61 c	3/00
		13/12
		15/00
		17/00
41,42	A 61 c	3/00
		5/10
43–45	A 61 c	3/16
46–49	A 61 c	3/02
		3/12
50	A 61 c	15/00
51–56	A 61 c	3/08
57	A 61 c	5/02
58,59	A 61 c	3/06
60	A 61 c	5/04
61,62	A 61 c	3/10
		3/14
		3/16
63	A 61 c	5/12
64	A 61 c	3/00
		7/00
65	A 61 c	3/00
66	A 61 c	7/00
67	A 61 c	3/00
68	A 61 c	13/12
		19/10
69	A 61 c	3/00
		19/00
	G 02 b	5/08
70	A 61 c	9/00
71	A 61 c	19/00
	G 09 b	19/00
		23/28

U.S. Class 33

Geometrical instruments

(IPC B 43 l)

1	B 43 l	5/00
		13/20
	G 01 b	3/14
		5/24
	G 01 c	21/20
	G 01 v	1/30
	G 06 g	
	G 09 b	29/10
2	A 41 h	1/00
	A 42 c	3/06
3–4	A 43 d	1/00
5	A 43 d	7/10
6	A 43 d	1/00
7	A 41 h	1/00
		21/00
		23/00
8	A 41 h	1/04
9	A 41 h	1/04

U.S. Class 33—Con.

U.S. Subclass	IPC Subclass	IPC Notation
		23/00
10	A 41 h	1/00
		21/00
11	A 41 h	1/00
	A 42 c	3/06
12 – 14	A 41 h	3/00
15	A 41 h	1/02
		1/10
		3/04
16	A 41 h	1/00
	A 42 c	3/06
17	A 41 h	3/00
	A 42 c	1/00
18	B 43 l	13/00
19	B 43 l	13/24
20	B 43 l	13/16
21 – 22	B 43 l	9/00
		13/10
23 – 25	B 43 l	13/10
26 – 29	B 43 l	9/00
		11/00
30 – 31	B 43 l	11/04
32 – 33	B 43 l	13/00
34 – 39	B 41 g	3/00
	B 43 k	27/08
	B 43 l	13/00
40	B 43 l	13/24
41 – 43	B 43 l	13/02
44	B 43 k	27/00
45	B 41 g	3/00
	B 43 k	27/08
46	G 01 c	15/00
		15/12
		21/00
		21/04
		21/10
46.5	F 41 g	3/22
		5/18
	F 41 h	7/08
47	F 41 g	1/00
		11/00
48	F 41 g	1/46
		3/00
		5/00
49	F 41 g	3/08
50	F 41 g	1/38
		1/42
51	F 41 g	1/00
		11/00
52	F 41 g	1/30
		1/32
53 – 59	F 41 g	1/16
		1/44
60	E 01 b	29/04
61	G 01 c	17/34
		21/02
62	G 04 b	49/00
63 – 65	G 01 c	3/00
66	G 01 c	3/10
67	G 01 c	21/22
68	G 01 c	3/10
69 – 70	G 01 c	1/00
		1/02
71	G 01 c	3/00
72	G 01 c	1/00
		1/02
		17/12
73	G 01 c	5/00
		5/02
		13/00
74	G 01 c	15/06
75	B 43 l	7/00
		13/00
	G 06 g	1/00
76	A 47 b	27/00
		85/02
	B 43 l	5/00
		7/00
		9/00
		11/00
		13/00
	G 06 g	1/00
77	B 43 l	13/14
78	A 47 b	27/00
	B 43 l	5/00
		7/00
		13/00
79	B 43 l	13/02
80	A 47 b	27/00
	B 43 l	5/00
		13/00
81	B 43 l	13/24
82	B 43 l	7/00
83		
84	G 01 b	5/24
		13/18
	G 01 c	9/00
85	G 01 c	15/10
86	B 43 l	7/00
	B 44 d	3/00
87	B 44 d	3/38
88 – 89	B 43 l	7/00
	G 01 c	9/00
90 – 91	B 43 l	7/06
		13/00
92	B 43 l	7/00
		13/00
93 – 94	B 43 l	7/06
		13/00
95 – 96	B 43 l	7/00
		13/00
97 – 102	B 43 l	7/06
		13/00
103	B 43 l	7/06
103 – 104	B 43 l	13/00
105 – 106	G 01 b	3/06
107	B 43 l	7/00
	G 01 b	3/04
		3/10
108 – 109	B 43 l	13/02
110	B 43 l	13/24
111	B 43 l	7/00
	G 01 b	3/04
		3/10
112	B 43 l	7/00
113	B 43 l	7/00
	G 01 b	3/04
		3/10
114	B 43 l	7/00
115 – 120	B 43 l	7/06
121 – 122	G 01 b	5/26
		11/28
		13/20
		19/30
		19/58
		19/82
123	G 01 b	7/32
124	G 01 b	5/26
		11/28
		13/20
		19/30
		19/58
		19/82
125	A 45 b	3/08
	B 23 q	17/02
	B 26 d	7/28
	G 01 b	
	G 01 d	
126 – 126.4	E 21 b	47/04
	G 01 b	3/02
		5/18
	G 01 f	23/04
126.5 – 126.6	G 01 b	3/00
	G 01 f	23/04
126.7	G 01 f	23/04
127 – 128	B 65 h	61/00
	G 01 b	3/00
129 – 134	G 01 b	3/12
		5/04
135		
136	G 01 b	5/04
137 – 140	G 01 b	3/02
		3/10
141 – 142	G 01 b	3/12
		7/04
143	G 01 b	5/00
144 – 146	B 61 k	9/08
	E 01 b	29/04
147, 148	G 01 b	5/00
149	B 43 l	9/00
	G 01 b	3/16
150	B 43 l	9/08
	G 01 b	3/16
151	B 43 l	9/18
	G 01 b	3/16
152	B 43 l	9/00
	G 01 b	3/16
153 – 157	B 43 l	9/20
		9/22
	G 01 b	3/16
158 – 160	B 43 l	9/04
	G 01 b	5/00
		5/16
161	G 01 b	3/08
162	G 01 b	3/20
		5/14
163 – 167	G 01 b	3/18
		5/00
168	G 01 b	3/30
		3/38
		3/46
169 – 173	G 01 b	3/22
		5/00
	G 03 b	1/64
174	A 61 b	5/08
		5/10
	B 23 f	23/08
	B 23 q	17/04
	G 01 b	
	G 01 d	
175 – 176	G 01 b	5/20
177	B 43 l	13/20
	G 01 b	3/14
178	E 21 b	47/08
	G 01 b	3/34
		3/38
		3/46
		5/08
		7/12
		11/08
		13/08
		19/12
		19/40
		19/70
179	G 01 b	3/10
179.5	G 01 b	3/14
		3/22
		5/20
		7/28
		9/08
		11/24
		13/16
		15/04
		19/26
		19/54
		19/78
		19/90
180 – 183	G 01 b	3/30
		3/38
		5/14
		5/24
184	G 04 d	7/00
184.5 – 184.6	B 41 b	1/00
185 – 186	B 27 g	23/00
187 – 188	G 01 b	3/30
		5/16
189	B 23 b	49/02
	B 23 q	35/02
	B 26 f	1/32
	G 01 b	5/14
		7/14
		11/14
		13/12
		19/14
		19/46
		19/74
190	A 41 h	25/00
	A 43 d	7/20
	G 01 b	5/14
191	B 25 d	5/00
192	B 43 l	9/08
193	G 01 b	3/14
194	E 04 f	21/00
	E 06 b	3/00
195	A 01 l	11/00
196	B 24 b	53/00
	G 01 b	3/22
197	B 27 g	17/08
	E 05 b	17/06
199	G 01 b	3/14

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 33—Con.		
		3/36
		3/40
		3/48
		5/16
		5/20
200	A 61 b	3/10
201	G 01 b	5/20
202	B 23 d	63/00
	G 01 b	5/20
203	G 01 b	5/20
		5/24
203.1	G 04 d	7/08
203.11	B 61 k	9/12
	G 01 b	3/14
203.12 – 203.21	G 01 b	5/24
		7/30
		11/26
		13/18
		19/28
		19/56
		19/80
204	G 01 c	19/34
		19/56
		21/00
	G 01 d	
	G 01 f	33/02
205 – 205.4	E 21 b	47/02
	G 01 c	9/00
205.5 – 205.6	E 21 b	47/02
	G 01 c	7/06
		9/00
206 – 208	G 01 c	9/00
		9/02
		9/04
		9/06
		9/10
209	G 01 c	5/04
		9/22
210	G 01 c	9/12
		9/16
		9/24
211	G 01 c	9/24
212	G 01 c	9/20
213 – 214	G 01 c	9/28
215	G 01 c	9/12
		9/16
216 – 217	G 01 c	15/10
218.219	G 01 c	9/12
220	G 01 c	9/08
221	G 01 c	9/12
		9/16
222	G 01 c	17/02
		19/36
223	G 01 c	17/08
224 – 225	G 01 c	17/38
		19/36
226	G 01 c	17/00
		19/38
		19/40

U.S. Class 34

Drying and gas or vapor contact with solids

(IPC F 26 b)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 01 k	5/00
	F 26 b	3/34
2	O 06 m	3/00
3	A 45 d	20/00
4	E 26 b	3/28
	F 26 b	3/28
5	F 26 b	5/06
		5/10
6, 7	F 26 b	7/00
8	F 26 b	5/08
9 – 9.5	F 26 b	3/00
10	F 26 b	3/08
		3/10
11 – 13.8	F 26 b	7/00
14	F 26 b	5/14
15 – 16.5	F 26 b	5/04
17 – 21	F 26 b	7/00
22 – 38	F 26 b	3/00
		5/00
39 – 41	F 26 b	3/32
42	F 26 b	7/00
43	F 26 b	13/10
		21/00
44, 45	F 26 b	13/10
		19/00
46	F 26 b	21/06
47 – 49	F 26 b	19/00
50	F 26 b	21/08
51	F 26 b	21/06
52	F 26 b	13/10
		19/00
53	F 26 b	19/00
54	F 26 b	21/00
55	F 26 b	19/00
56	F 26 b	13/10
		19/00
57	F 26 b	17/00
58, 59	F 26 b	17/24
		17/30
60 – 71	F 26 b	19/00
72 – 84	F 26 b	21/06
85 – 91	F 26 b	19/00
92	F 26 b	13/30
93, 94	F 26 b	19/00
95	F 26 b	13/26
95.1	B 43 l	17/04
95.2	B 43 l	17/04
95.3	B 43 l	17/08
95.4	B 43 l	17/08
		21/00
96 – 101	A 45 d	
102 – 107	F 26 b	25/00
108 – 142	F 26 b	11/02
143 – 146	F 26 b	9/04
147	F 26 b	15/26
148 – 160	F 26 b	13/00
161 – 163	F 26 b	9/00
		13/06
164	F 26 b	9/00
165 – 178	F 26 b	17/12
179 – 183	F 26 b	11/12
184 – 188	F 26 b	11/00
189, 190	F 26 b	11/18
		13/10
		15/20
191	F 26 b	21/06
192 – 200	F 26 b	11/18
		11/22
		25/18
201 – 235	F 26 b	19/00
		25/06
236	F 26 b	19/00
		25/00
237, 238	F 26 b	25/10
		25/18
239	A 01 f	25/12
	O 06 c	
	F 26 b	25/00
240	A 01 f	25/12
	F 26 b	9/10
		25/20
241	F 26 b	21/12
242	F 26 b	25/00
243	F 26 b	19/00

U.S. Class 35

Education

(IPC G 09 b)

U.S. Subclass	IPC Subclass	IPC Notation
1	G 09 b	
2	G 09 c	1/00
		5/00
	H 04 k	
	H 04 l	9/00
3	G 09 c	3/00
4	G 09 c	3/08
5	G 09 b	13/00
6	G 09 b	13/02
7	G 09 b	29/00
8	G 09 b	1/00
9	G 09 b	3/00
		7/00
0		
10	G 09 b	23/00
		25/00
10.2	G 01 c	21/00
10.4	G 01 s	9/00
11	G 09 b	9/02
12	G 09 b	9/08
13	G 09 b	25/02
14	G 08 b	
	G 08 c	
	H 04 l	15/00
		17/00
15	G 09 b	19/20
16	G 09 b	19/00
17	G 09 b	23/28
18	G 09 b	23/24
		23/26
19	G 09 b	23/06
20	G 09 b	23/36
		23/38
21	G 09 b	19/00
22	G 09 b	19/00
23	G 09 b	19/00
24	G 09 b	19/18
25	F 41 g	3/26
26 – 28.5	G 09 b	
29	A 63 b	21/00
		23/00
	G 09 b	15/06
30	G 09 b	23/02
31 – 32	G 09 b	19/02
		23/02
33	G 06 c	1/00
34	G 09 b	23/04
35	G 09 b	19/04
		19/06
		21/00
36	B 43 l	15/00
	G 09 b	11/00
37	G 09 b	11/02
		11/04
38	G 06 k	9/00
	G 09 b	5/04
		21/00
39	G 09 b	17/00
40	G 09 b	25/06
41	G 09 b	29/12
42	G 09 b	29/02
42.5	G 09 b	27/00
43	G 09 b	27/04
44	G 09 b	29/00
45	G 09 b	27/02
46	G 09 b	27/00
		27/08
47	G 09 b	27/06
48	G 09 b	
49 – 51	G 09 b	23/00
		25/00
52	G 09 b	25/02
53 – 59	G 09 b	25/00
		29/00
60	A 47 b	19/00
		41/00
61	B 43 l	1/00
62	B 43 l	5/02
63	A 47 b	97/04
64 – 65	B 43 l	1/00
66	B 43 l	1/12
		21/02
67	B 43 l	21/04
69 – 72	A 63 h	33/04
73	A 63 h	33/00
74	G 09 b	19/00
75	G 09 b	1/16
76	G 09 b	1/24
		29/06
77	G 09 b	1/00
		5/00
		9/00
	G 09 f	11/02

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 36		
Boots, shoes and leggings		
(IPC A 43 b)		
1	A 43 b	
1.5	A 43 b	3/00
2	A 41 d	17/00
2.5	A 43 b	
2.6	A 43 b	7/02
3	A 43 b	7/06
4	A 43 b	1/10
		1/12
4.5	A 63 c	13/00
7.1	A 43 b	3/16
7.2	A 43 b	3/18
7.3, 7.4	A 43 b	1/10
7.5, 7.6	A 43 b	3/10
7.7	A 43 b	3/18
7.8	A 43 b	3/10
8.1	A 43 b	5/08
8.2	A 43 b	3/00
8.3	A 43 b	5/12
8.4	A 43 d	1/00
9	A 43 b	1/02
10	A 43 b	3/10
		17/00
		19/00
11	A 43 b	3/14
11.5	A 43 b	3/12
12	A 43 b	13/28
13	A 43 c	13/00
14	A 43 c	13/08
15	A 43 c	13/00
16	A 43 b	9/10
17	A 43 b	13/18
18	A 43 b	9/02
		13/28
19	A 43 b	9/02
		13/28
19.5	A 43 b	9/12
		13/32
21	A 43 b	13/28
22	A 43 b	13/00
23, 24	A 43 b	23/20
24.5	A 43 b	13/28
25	A 43 b	13/00
26	A 43 b	13/02
		13/14
27	A 43 b	13/28
28	A 43 b	13/18
29	A 43 b	13/20
30	A 43 b	13/12
31	A 43 b	13/14
32	A 43 b	13/06
33	A 43 b	13/08
34	A 43 b	21/00
35	A 43 b	21/26
36	A 43 b	21/36
37	A 43 b	21/32
38	A 43 b	21/30
39	A 43 b	21/24
40	A 43 b	21/02
41, 42	A 43 b	21/36
43, 44	A 43 b	13/38
45 – 53	A 43 b	23/00
54	A 43 b	23/26
55	A 43 b	23/07
56	A 43 b	11/00
57, 58	A 43 b	23/00
		23/08
58.5, 58.6	A 43 b	23/28
59	A 43 b	23/28
	A 43 c	15/00
61 – 67	A 43 c	15/00
68	A 43 b	13/42
69	A 43 b	23/08
		23/10
70	A 43 c	15/00
71, 71.5	A 61 f	5/00
72 – 75	A 43 b	13/22
76	A 43 b	13/42
		23/22
77	A 43 c	13/14
78	A 43 b	15/00
80	A 43 b	21/36
81	A 43 b	7/16
82	A 43 b	21/00
U.S. Class 37		
Excavating		
(IPC E 02 f)		
1	E 02 f	
2	A 01 b	13/00
	A 01 g	23/06
	E 02 f	3/76
3	E 21 c	49/00
4	B 60 p	1/00
	E 02 f	
5	E 01 h	5/00
6	E 01 h	7/00
7, 8	B 60 p	1/36
	E 02 f	
9	B 60 p	1/00
	E 02 f	
10, 11	B 30 b	9/00
	E 01 h	4/00
12	E 01 h	5/10
13	E 01 c	19/00
14, 15	E 01 c	7/10
16	E 01 h	5/10
17	E 01 h	8/08
18	E 01 h	8/10
19 – 27	E 01 h	8/06
28	E 01 h	8/00
29 – 40	E 01 h	8/04
41	E 01 h	5/00
42	E 01 h	5/04
		5/08
43	E 01 h	5/00
44	E 01 h	5/04
45 – 52	E 01 h	5/00
53	E 01 h	5/02
54	E 02 f	
55	E 02 f	5/00
56	E 02 f	
57	E 02 f	3/94
		7/00
58 – 68	E 02 f	3/88
69	E 02 f	3/14
70	E 02 f	3/18
71	E 02 f	3/44
72	E 02 f	3/90
73, 74	E 02 f	9/00
75 – 79	E 02 f	3/00
80	E 02 f	5/02
81, 82	E 02 f	5/04
83 – 90	E 02 f	5/06
91 – 97	E 02 f	5/08
98 – 103	E 02 f	5/02
104 – 107	E 02 f	5/22
108 – 114	E 02 f	5/00
115 – 117	E 02 f	3/46
117.5	E 02 f	3/76
118	E 02 f	3/00
119	E 02 f	5/00
120 – 141	E 02 f	
142	E 02 f	9/28
142.5	E 02 f	5/22
182 – 188	B 66 c	3/02
189, 190	E 02 f	3/24
191, 192	E 02 f	3/14
193	E 02 f	5/18
194	E 02 f	9/00
195	E 02 f	1/00
U.S. Class 38		
Textiles, ironing or smoothing		
(IPC D 06 f)		
1	D 06 f	69/00
2	D 06 f	61/00
		63/00
		65/00
		69/00
		71/00
3	D 06 f	61/00
		63/00
		65/00
		69/00
		71/00
		87/00
4	D 06 f	61/00
		63/00
		65/00
		69/00
		71/00
5	D 06 f	71/00
6, 7	D 06 f	61/00
		63/00
		65/00
		69/00
		71/00
8 – 11	D 06 f	69/02
12, 13	D 06 f	71/40
14 – 16	D 06 f	71/34
17	D 06 f	71/00
18	D 06 f	71/08
19 – 21	D 06 f	71/00
22	D 06 f	71/08
23, 24	D 06 f	71/00
25	D 06 f	71/08
26	D 06 f	71/00
27	D 06 f	71/08
28 – 31	D 06 f	71/00
32 – 41	D 06 f	71/08
42, 43	D 06 f	71/00
44	D 06 f	61/00
		67/00
45	D 06 f	61/00
		63/00
		67/00
46	D 06 f	61/00
47	D 06 f	63/00
48	D 06 f	61/04
49 – 51	D 06 f	61/08
52, 53	D 06 f	61/02
54	D 06 f	63/00
		65/00
55	D 06 f	63/00
		65/10
56	D 06 f	63/00
		65/00
57	D 06 f	63/00
		65/10
58, 59	D 06 f	63/00
		65/08
60	D 06 f	63/00
		65/04
61	D 06 f	63/00
		65/06
62	D 06 f	61/00
63	D 06 f	67/00
		71/32
64	D 06 f	67/00
		71/40
66	D 06 f	71/36
		83/00
67	D 06 f	67/06
		71/32
68	D 06 f	67/00
		69/02
		71/32
69 – 73	A 47 j	51/00
74 – 76	D 06 f	75/00
77, 78	D 06 f	75/06
		75/10
		75/32
79	D 06 f	75/40
80, 81	D 06 f	75/00
82	D 06 f	75/02
		75/08
83	D 06 f	75/04
84 – 87	D 06 f	75/02
88, 89	D 06 f	75/36
90 – 92	D 06 f	75/34
93	D 06 f	75/38
94, 95	D 06 f	79/00
96	D 06 f	75/40
97	D 06 f	75/38
98	D 06 f	79/00
99	A 47 j	51/00
100, 101	D 06 f	75/00

U.S. Subclass	IPC Subclass	Notation
U.S. Class 38—Con.		
102	**D 06 c**	3/00
102.1	**D 06 c**	3/08
102.2	**D 05 c**	1/04
102.3	**D 06 c**	3/08
102.4 – 102.91	**D 06 c**	3/08
103 – 139	**D 06 f**	81/00
140	**D 06 f**	81/14
		83/00
141	**D 06 f**	79/00
142	**D 06 f**	79/02
143	**D 06 f**	67/04
144	**D 06 f**	
U.S. Class 40		
Card picture and sign exhibiting		
(IPC G 09 f)		
1	**G 09 f**	11/00
1.5 – 2	**A 44 c**	3/00
2.2	**G 09 f**	3/02
5, 6	**G 09 f**	3/20
10 – 19	**G 09 f**	3/18
19.5	**G 09 f**	3/18
20	**G 09 f**	3/08
21	**G 09 f**	3/14
22	**G 09 f**	3/12
23	**G 09 f**	3/16
24 – 26	**G 09 f**	3/12
27	**G 09 f**	3/02
27.5	**G 09 f**	3/02
28	**G 09 f**	11/00
28.1 – 28.3	**G 09 f**	27/00
28.5	**G 09 f**	11/00
28.6 – 28.7	**G 09 f**	19/04
28.8	**G 09 f**	11/00
30	**G 09 f**	11/00
31 – 32	**G 09 f**	11/28
33	**G 09 f**	11/10
34	**G 09 f**	11/04
35	**G 09 f**	11/06
36	**G 09 f**	11/30
37	**G 09 f**	11/00
37.1	**G 09 f**	11/00
38	**G 09 f**	11/24
39, 40	**G 09 f**	11/02
41	**G 09 f**	11/00
42	**G 09 f**	11/24
43	**G 09 f**	11/26
44	**G 09 f**	11/02
45	**G 09 f**	11/00
46, 47	**G 09 f**	11/24
48	**G 09 f**	11/26
49	**G 09 f**	11/02
50	**G 09 f**	11/30
51	**G 09 f**	11/00
52 – 59	**G 09 f**	11/00
61 – 62	**G 09 f**	11/00
63 – 65	**G 09 f**	11/30
67	**G 09 f**	11/06
68 – 69	**G 09 f**	11/02
70 – 71	**G 09 f**	11/04
72 – 75	**G 09 f**	11/06
77 – 77.9	**G 09 f**	11/02
78 – 78.07	**B 42 f**	17/00
	G 09 f	11/30
78.09	**G 09 f**	11/26
		11/32
78.11 – 81	**G 09 f**	11/30
82 – 95	**G 09 f**	11/24
96	**G 09 f**	11/26
97 – 98	**G 09 f**	11/14
99	**G 09 f**	11/26
100 – 101	**G 09 f**	11/24
102 – 104	**G 09 f**	11/06
104.03 – 104.12	**B 42 f**	15/00
	G 09 f	11/06
		11/08
104.13 – 104.18	**B 42 f**	13/00
		15/00
	G 09 f	11/06
		11/08
104.19	**G 09 f**	7/00
		11/00
105, 105.5	**G 09 d**	1/00
	G 09 f	11/00
106	**G 09 f**	11/00
106.1	**G 09 f**	13/10
106.21	**G 09 f**	13/24
106.22	**G 09 f**	13/24
106.23	**G 09 f**	13/24
106.25	**G 09 f**	19/02
106.32	**G 09 f**	
106.45, 106.51	**G 09 f**	19/02
106.52 – 106.54	**G 09 f**	13/34
107	**G 09 d**	3/00
109	**G 09 d**	3/10
110	**G 09 d**	3/00
111 – 112	**G 09 d**	3/06
113	**G 09 d**	3/08
114	**G 09 d**	3/06
115	**G 09 d**	3/08
116 – 118	**G 09 d**	3/10
119 – 121	**G 09 d**	3/04
122	**G 09 d**	3/02
124	**G 09 f**	1/10
124.1	**G 09 f**	1/00
124.5	**G 09 f**	19/00
125	**G 09 f**	1/00
		7/00
126	**G 09 f**	19/00
128	**G 09 f**	7/22
129	**G 09 f**	7/00
130 – 133	**G 09 f**	13/00
134	**G 09 f**	13/20
135 – 137	**G 09 f**	7/00
138, 139	**G 09 f**	19/02
140	**G 09 f**	7/02
141	**G 09 f**	7/14
142	**G 09 f**	7/02
143	**G 09 f**	7/06
144	**G 09 f**	7/02
145	**G 09 f**	7/18
152	**G 09 f**	1/12
152.1	**G 09 f**	1/12
152.2	**G 09 f**	13/00
153 – 157	**G 09 f**	1/12
158, 159	**G 09 f**	1/10
160	**G 09 f**	1/12
200	**G 09 f**	7/00
201	**G 09 f**	7/00
202, 203	**G 09 f**	7/00
204	**G 09 f**	13/02
205, 206	**G 09 f**	13/08
207	**G 09 f**	7/02
208	**G 09 f**	13/16
209, 210	**G 09 f**	7/00
211	**G 09 f**	7/22
212	**G 09 f**	21/06
213	**G 09 f**	21/16
214	**G 09 f**	21/06
215	**G 09 f**	21/12
216	**B 64 d**	1/02
217	**G 09 f**	21/06
218	**G 09 f**	17/00
219	**G 09 f**	13/12
300 – 340	**G 09 f**	3/00
341	**D 41 j**	11/38
		13/00
342	**B 41 j**	11/38
		13/00
343	**B 41 j**	11/36
		13/00
344 – 346	**B 41 j**	11/38
		13/02
347 – 348	**B 41 j**	11/38
		15/02
349 – 351	**B 41 j**	11/14
352 – 357	**B 41 j**	11/64
358	**B 43 m**	3/00
		17/00
359, 360	**B 42 f**	21/00
	B 65 d	27/00
U.S. Class 42		
Firearms		
(IPC F 41 c)		
1	**F 41 c**	
2 – 5	**F 41 c**	7/00
		11/00
6	**F 41 c**	25/00
7	**F 41 c**	25/06
8 – 22	**F 41 c**	7/00
		11/00
23 – 43	**F 41 c**	7/00
		11/00
25	**F 41 c**	15/00
44, 45	**F 41 c**	11/02
46	**F 41 c**	15/00
		15/04
47, 48	**F 41 c**	15/00
49	**F 41 c**	25/00
50	**F 41 c**	25/02
51	**F 41 c**	7/00
52	**F 41 c**	9/04
53	**F 41 c**	9/00
54	**F 41 c**	3/00
		3/06
55	**F 41 c**	3/00
		3/06
57	**F 41 c**	3/06
		3/08
58	**F 41 c**	3/00
		3/06
59	**F 41 c**	1/00
60	**F 41 c**	1/00
		25/00
61, 62	**F 41 c**	1/00
63, 64	**F 41 c**	1/02
65	**F 41 c**	1/00
66, 67	**F 41 c**	17/04
68	**F 41 c**	15/00
		15/02
69	**F 41 c**	11/02
		19/00
70	**F 41 c**	11/02
		17/00
71 – 75	**F 41 c**	23/00
76 – 78	**F 41 c**	21/00
79	**F 41 c**	15/18
		21/00
83	**F 41 c**	17/00
84	**F 41 c**	19/12
85	**F 41 c**	23/00
		23/02
86	**F 41 c**	21/16
		27/02
	F 41 h	5/10
87 – 89	**F 41 c**	25/00
	F 42 b	39/04
90	**F 41 c**	15/00
		27/00
		31/00
93	**F 41 c**	27/00
		27/04
		31/00
94	**F 41 c**	27/00
		29/00
		31/00
U.S. Class 43		
Fishing, trapping and vermin destroying		
(IPC A 01 m)		
1	**A 01 m**	
2, 3	**A 01 m**	31/06
4	**A 01 k**	
4.5	**A 01 k**	69/00
		71/00
		73/00
		75/00
		79/00
5	**A 01 k**	97/14
6	**A 01 k**	81/00
6.5	**A 01 k**	79/00

U.S. Class 43—Con.

U.S. Subclass	IPC Subclass	IPC Notation
7	A 01 k	73/00
8	A 01 k	73/04
		73/06
9	A 01 k	73/02
10	A 01 k	73/00
11, 12	A 01 k	77/00
13	A 01 k	75/00
14	A 01 k	73/12
15, 16	A 01 k	97/00
17	A 01 k	93/00
		97/12
17.1	A 01 k	79/02
17.2	A 01 k	97/00
17.5, 17.6	A 01 k	75/02
18	A 01 k	87/00
19	A 01 k	91/02
19.2	A 01 k	
20, 21	A 01 k	89/00
21.2	A 01 k	97/10
22	A 01 k	87/06
23	A 01 k	87/00
24	A 01 k	87/04
25, 25.2	A 01 k	87/00
26	A 01 k	97/08
26.1	A 01 k	89/00
26.2	A 01 k	85/06
27.2, 27.4	A 01 k	91/00
34 – 37	A 01 k	83/00
41, 41.2	A 01 k	97/04
42 – 42.03	A 01 k	85/00
42.04	A 01 k	85/02
42.05, 42.53	A 01 k	85/00
42.7 – 42.74	A 01 k	91/00
43.1 – 43.15	A 01 k	91/00
		95/00
43.16	A 01 k	83/00
43.2	A 01 k	83/00
43.4	A 01 k	83/02
43.6	A 01 k	83/00
44.2	A 01 k	83/06
44.4 – 44.82	A 01 k	83/00
44.83	A 01 k	91/04
44.84 – 44.86	A 01 k	83/00
44.87 – 44.97	A 01 k	91/00
		93/00
44.98	A 01 k	91/00
44.99	A 01 k	97/02
53.5 – 54.5	A 01 k	97/00
55 – 57	A 01 k	97/04
57.5	A 01 k	97/00
58	A 01 m	1/10
		23/00
59	E 05 g	3/00
60 – 63	A 01 m	23/02
		23/16
64	A 01 m	1/12
65 – 67	A 01 k	69/06
	A 01 m	23/08
68	A 01 m	23/00
69, 70	A 01 m	23/04
71, 72	A 01 m	23/10
73	A 01 m	1/12
74, 75	A 01 m	23/10
76 – 83.5	A 01 m	23/00
84	A 01 m	27/00
85 – 87	A 01 m	23/00
88 – 91	A 01 m	23/24
92	A 01 m	23/24
		23/28
93 – 96	A 01 m	23/24
97	A 01 m	23/28
98, 99	A 01 m	19/00
100	A 01 k	69/00
101	A 01 k	69/04
102 – 104	A 01 k	71/00
105	A 01 k	69/10
106	A 01 k	69/04
107	A 01 m	1/20
108	A 01 m	1/18
109 – 111	A 01 m	1/10
112	A 01 m	1/22
113	A 01 m	1/04
		1/08
114	A 01 m	1/14
115	A 01 m	1/18
116, 117	A 01 m	1/14
118	A 01 m	1/10
119	A 01 m	1/24
120 – 123	A 01 m	1/10
124	A 01 m	
125 – 127	A 01 m	13/00
		19/00
128	A 01 k	55/00
129, 130	A 01 m	19/00
131	A 01 m	1/20
		25/00
132	A 01 m	
133	A 01 m	5/00
134, 135	A 01 m	3/00
		5/02
136	A 01 m	3/04
		5/02
137	A 01 m	3/02
		5/02
138	A 01 m	5/04
139	A 01 m	1/06
		1/08
		5/00
		5/08
140	A 01 m	5/00
141	A 01 m	5/08
142, 143	A 01 m	5/04
144	A 01 m	1/20
		15/00

U.S. Class 44

Fuel and igniting devices

(IPC C 10 l)

U.S. Subclass	IPC Subclass	IPC Notation
1	C 10 l	
2	C 10 l	
3	F 24 j	1/00
		3/00
4 – 6	C 10 l	9/00
		10/00
7	C 10 l	7/00
7.5	C 10 l	5/00
	C 11 c	5/00
10	C 10 l	5/00
11 – 13	B 28 b	
	B 30 b	11/00
	C 10 l	5/22
14	C 10 l	5/36
15	C 10 l	5/10
		5/40
16	C 10 l	5/12
		5/40
17	C 10 l	5/02
18	C 10 l	5/10
		5/40
19	C 10 l	5/12
		5/16
		5/40
20 – 21	C 10 l	5/12
		5/14
		5/40
22	C 10 l	5/14
		5/40
23	C 10 l	5/16
		5/40
24	C 10 l	5/14
		5/18
		5/40
25	C 10 l	5/14
		5/40
26	C 10 l	5/12
		5/40
27	C 10 f	
28 – 30	C 10 f	
	F 26 b	
31	C 10 f	7/02
32	C 10 f	7/06
33	C 10 f	5/00
		7/00
34	C 10 l	11/00
35	C 10 l	11/08
36, 37	F 23 q	21/00
38 – 41	C 10 l	11/00
42	C 06 f	3/00
		5/00
43, 44	A 24 f	27/12
	C 06 f	5/00
45	A 24 f	27/20
		27/26
46	C 06 f	3/02
47	C 06 f	
48	A 24 f	29/00
50	C 10 l	1/00
51	C 10 l	1/32
52	C 10 l	1/00
53 – 56	C 10 l	1/02
57	C 10 l	1/08
		1/10
58 – 60	C 10 l	1/10
61 – 63	C 10 l	1/14
64	C 10 l	1/22
65, 66	C 10 l	1/18
67	C 10 l	1/12
		1/30
68, 69	C 01 l	1/14
		1/30
70	C 10 l	1/18
71 – 75	C 10 l	1/22
76	C 10 l	1/24
		1/26
		1/28
		1/30
77, 78	C 10 l	1/18
79	C 10 l	1/20
80	C 10 l	1/04

U.S. Class 46

Amusement devices, toys

(IPC A 63 h)

U.S. Subclass	IPC Subclass	IPC Notation
1 – 5	A 63 h	33/00
6 – 9	A 63 h	33/28
10	A 63 h	33/36
11 – 13	A 63 h	33/00
14, 15	A 63 h	3/52
16	A 63 h	33/00
17 – 19	A 63 h	33/06
20	A 63 h	33/08
21	A 63 h	33/16
22	A 63 h	33/00
23, 24	A 63 h	33/04
25	A 63 h	33/08
26	A 63 h	33/10
27, 28	A 63 h	33/06
29	A 63 h	33/10
30	A 63 h	33/06
31	A 63 h	33/10
32	A 63 h	3/50
33	A 63 h	33/30
34	A 63 h	33/00
35 – 37	A 63 h	
38	A 63 h	35/00
39, 40	A 63 h	33/30
41	A 63 h	29/10
42	A 63 h	29/08
43	A 63 h	33/00
44	A 63 h	29/16
45	A 63 h	33/26
47	A 63 h	1/32
48	A 63 h	33/36
49 – 51	A 63 h	1/32
52	A 63 h	5/00
53 – 59	A 63 h	33/40
60, 61	A 63 h	27/12
62	A 63 h	1/32
		27/12
63	A 63 h	1/28
		27/12
64	A 63 h	1/00
65	A 63 h	1/00
		1/10
66	A 63 h	1/26
		1/28
67	A 63 h	1/02
68	A 63 h	1/06
69	A 63 h	1/02
70	A 63 h	1/04
71 – 73	A 63 h	1/00
74	A 63 h	27/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 46—Con.		
75	A 63 h	27/12
76	A 63 h	27/00
77	A 63 h	27/04
78 – 80	A 63 h	27/00
81	A 63 h	27/14
82 – 85	A 63 h	27/00
86	A 63 h	33/20
87 – 90	A 63 h	3/06
91	A 63 h	23/00
92	A 63 h	23/10
93	A 63 h	23/02
94	A 63 h	23/04
95	A 63 h	23/06
96	A 63 h	23/10
97	A 63 h	11/10
98, 99	A 63 h	5/00
100 – 104	A 63 h	11/10
105	A 63 h	13/02
106 – 108	A 63 h	11/10
109	A 63 h	17/18
110	A 63 h	11/10
111 – 114	A 63 h	5/00
115, 116	A 63 h	13/00
117, 118	A 63 h	5/00
119 – 124	A 63 h	11/00
126	A 63 h	7/00
127	A 63 h	11/00
128, 129	A 63 h	13/02
130, 131	A 63 h	13/12
132	A 63 h	11/04
133	A 63 h	3/18
134	A 63 h	15/08
135	A 63 h	11/00
136	A 63 h	13/02
137	A 63 h	13/20
138 – 141	A 63 h	13/02
142, 143	A 63 h	13/06
144	A 63 h	13/04
145, 146	A 63 h	13/16
147	A 63 h	13/18
148	A 63 h	13/02
149, 150	A 63 h	11/14
151, 152	A 63 h	3/00
153	A 63 h	3/12
154	A 63 h	3/14
155	A 63 h	15/06
156, 157	A 63 h	9/00
158 – 160	A 63 h	3/02
161	A 63 h	3/20
162	A 63 h	3/36
163	A 63 h	3/46
164	A 63 h	3/36
165, 166	A 63 h	3/38
167 – 169	A 63 h	3/40
170	A 63 h	3/38
171	A 63 h	3/36
172	A 63 h	3/44
173	A 63 h	3/46
174 – 182	A 63 h	5/00
183 – 188	A 63 h	2/28
		3/30
		3/33
		5/00
189	A 63 h	5/00
190	A 63 h	5/06
191 – 193	A 63 h	5/00
194, 195	A 63 h	5/04
196 – 200	A 63 h	5/00
201 – 205	A 63 h	11/10
206 – 208	A 63 h	17/00
209	A 63 h	29/20
210	A 63 h	30/00
211	A 63 h	17/26
212	A 63 h	17/40
213	A 63 h	17/36
214	A 63 h	17/06
215	A 63 h	17/08
		33/30
216	A 63 h	19/00
217	A 63 h	19/02
218	A 63 h	19/16
219	A 63 h	17/04
		17/14
220	A 63 h	33/02
221 – 223	A 63 h	17/26
226 – 247	A 63 h	33/26

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 47		
Plant husbandry		
(IPC A 01 g)		
1	A 01 c	
	A 01 g	
1.1	A 01 g	1/04
1.2	A 01 g	31/00
1.3	A 01 c	1/00
	A 01 g	7/04
1.4	A 01 g	7/00
	A 01 h	13/00
1.41	A 01 g	7/00
	A 01 h	1/02
1.42	A 01 b	77/00
	A 01 g	11/00
1.43	A 01 b	41/00
1.44	A 01 m	15/00
1.5, 1.7	A 01 c	
	A 01 g	
2	A 01 g	13/00
3 – 5.5	A 01 g	7/00
6, 7	A 01 g	1/00
8	A 01 g	17/18
9	A 01 g	7/00
10 – 12	A 01 g	23/10
14 – 16	A 01 c	1/00
17 – 19	A 01 g	9/00
20 – 22	A 01 g	13/02
23	A 01 g	13/10
		17/00
24	A 01 g	17/12
25	A 01 g	17/00
26, 27	A 01 g	13/00
28	A 01 g	13/00
	A 47 g	7/08
29	A 01 g	13/04
30, 31	A 01 g	13/00
	A 47 g	7/08
32	A 01 g	9/00
33	A 01 g	1/00
34 – 36	A 01 g	9/02
37	A 01 c	11/00
38, 38.1	A 01 g	27/00
39, 40	A 47 g	7/00
41 – 41.13	A 01 g	5/00
	A 47 g	7/00
42	A 01 g	
43	A 01 g	
44 – 47	A 01 g	17/06
		17/14
48.5	A 01 g	29/00
50 – 54	A 01 g	23/10
55	A 01 g	5/00
56	A 01 c	1/04
57.5	A 01 g	29/00
57.6	A 01 c	1/06
		21/00
58	A 01 b	79/00
	A 01 c	1/00
U.S. Class 48		
Gas, heating and illuminating		
(IPC C 10 j)		
1	C 07 c	11/24
	C 10 h	
2	C 10 h	5/00
3	C 10 h	
	C 10 k	3/06
4	C 10 h	
5 – 9	C 10 h	5/00
10	C 10 h	5/04
		5/08
11	C 10 h	5/00
		19/02
12 – 18	C 10 h	5/00
19 – 22	C 10 h	7/00
23 – 27	C 10 h	1/00
		3/00
28	C 10 h	1/02
		3/00
29 – 33	C 10 h	1/00

U.S. Subclass	IPC Subclass	IPC Notation
		3/00
34, 35	C 10 h	1/00
		3/00
		19/02
36	C 10 h	1/00
		3/00
		21/08
37	C 10 h	1/02
		3/00
38	C 10 h	15/00
		19/00
39	C 10 h	15/14
40	C 10 h	15/00
41, 42	C 10 h	15/00
43	C 10 h	15/08
44	C 10 h	15/00
45	C 10 h	15/00
46	C 10 h	15/00
		19/00
47	C 10 h	15/20
48, 49	C 10 h	15/18
50	C 10 h	15/00
51	C 10 h	15/24
52 – 53.3	C 10 h	15/06
53.4	C 10 h	15/10
54	C 10 h	15/14
55	C 10 h	15/08
56	C 10 h	21/08
57	C 10 h	21/16
58	C 10 h	
59	C 10 h	21/02
60	C 10 h	21/02
		21/10
61	B 01 j	7/00
	C 10 j	
62	B 01 j	3/00
63, 64	C 10 j	3/20
65	C 10 j	3/18
		3/20
66	C 10 j	3/72
67, 68	C 10 j	3/76
69	C 10 j	3/72
71, 72	C 10 g	
	C 10 j	3/68
	C 10 k	3/00
73	C 10 j	3/20
74	C 10 j	3/72
75	C 10 j	3/20
76 – 78	C 10 j	3/68
79 – 81	C 10 j	3/68
82	C 10 j	3/20
83	C 10 j	3/22
84	C 10 g	13/30
	C 10 j	3/68
		3/70
	C 10 k	3/00
85	C 10 j	3/20
85.1	C 10 j	3/00
		3/72
85.2	C 10 j	3/00
		3/32
86	C 10 j	3/30
		3/50
87	C 10 j	3/72
89	C 10 b	1/00
	C 10 j	3/00
	F 27 b	5/00
90, 92 – 96	C 10 j	3/00
98	C 10 j	3/20
		3/48
99 – 101	C 10 b	1/00
	C 10 j	3/00
	F 27 b	5/00
102 – 107	C 10 g	9/04
	C 10 j	3/00
108, 109	C 10 g	3/00
110	C 10 g	9/04
	C 10 j	3/00
111 – 113	C 10 j	3/00
116	C 10 j	1/20
117, 118	C 10 j	1/06
		1/20
118.5	C 10 j	3/20
119, 120	C 10 b	1/00
	C 10 g	9/04
	C 10 j	3/00
	F 27 b	5/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 48—Con.		
122	C 10 b	1/08
	C 10 g	9/04
	C 10 j	3/00
	C 22 c	
	F 27 b	5/00
123	C 10 b	1/04
	C 10 g	9/04
	C 10 j	3/00
	F 27 b	5/00
124, 126	C 10 b	1/00
	C 10 g	9/04
	C 10 j	3/00
128	C 10 k	
144, 160	C 10 g	9/04
	C 10 j	1/00
		3/00
170	C 10 k	
173	C 10 j	3/82
174	F 17 b	1/00
175	F 17 b	1/14
176	F 17 b	1/18
177	F 17 b	1/20
178, 179	F 17 b	1/18
180 – 189	B 01 f	3/02
	C 10 k	
	F 02 m	
190	F 17 d	1/04
191, 192	F 17 d	3/00
193, 194	F 17 d	3/04
195	C 10 j	1/28
196	C 10 j	1/00
	C 10 k	
197	C 10 j	
	C 10 k	
199	C 10 j	1/20
	C 10 k	3/06
200	C 10 j	3/00
201	C 10 j	3/68
		3/70
	C 10 k	3/06
202	C 10 j	3/16
		3/46
	C 10 k	3/06
203	C 10 j	3/00
204	C 10 j	3/00
205	C 10 j	1/00
		3/00
	C 10 k	3/06
206 – 208	C 10 j	3/00
209, 210	C 10 j	3/00
211 – 215	C 01 b	2/14
	C 10 g	11/28
		13/30
	C 10 k	3/06
216 – 217	C 10 h	
219	C 10 j	1/00
	C 10 k	3/06

U.S. Class 49

Movable or removable closures

(IPC E 06 b)

U.S. Subclass	IPC Subclass	IPC Notation
1 – 8	E 05 f	15/20
9	E 01 f	13/00
0		
10 – 12	E 06 b	11/00
13, 14	G 08 b	13/08
15 – 17	E 05 b	47/00
	E 05 c	13/08
18	E 05 b	47/06
	E 05 f	15/10
19, 20	E 05 b	47/00
	E 05 c	13/08
21 – 23	E 05 f	15/20
24	E 05 c	13/08
25	E 05 f	15/20
26 – 28	E 05 f	15/02
		15/10
29, 30	E 05 f	15/20
31	E 05 f	15/20
32	E 05 f	15/10
33	E 06 b	11/00
34	E 01 f	13/00
35	E 05 b	65/00
36	B 60 j	5/00
37	E 06 b	7/00
38, 39	E 06 b	7/02
40	E 06 b	3/34
41	E 06 b	3/34
42 – 45	E 05 d	15/02
46, 47	E 06 b	11/08
48	B 60 j	1/08
49	E 01 f	13/00
50 – 57	A 47 h	25/00
	E 06 b	3/68
		7/00
58 – 60	E 06 b	9/52
61 – 63	E 05 b	65/04
	E 05 c	7/02
64	E 06 b	7/08
65 – 67	E 05 b	65/04
	E 05 c	7/02
68 – 70	E 06 b	7/00
71	E 06 b	7/28
72	B 60 j	1/08
		13/00
73	E 05 c	7/06
	E 05 f	17/00
74 – 92	E 05 f	17/00
	E 06 b	7/08
93	E 06 b	11/00
94 – 102	E 05 c	7/06
	E 05 f	17/00
103	E 05 f	5/12
104 – 123	E 05 c	7/06
	E 05 f	17/00
124	E 06 b	11/00
125 – 127	E 05 d	15/26
128 – 130	E 05 d	15/20
131	E 06 b	11/00
132 – 134	E 05 f	13/04
	E 06 b	11/00
135	E 06 b	11/00
136	E 05 f	11/00
137	E 05 f	15/02
138	E 05 f	15/00
139, 140	E 05 f	15/00
141	E 05 b	65/10
	E 05 c	15/02
142, 143	E 05 d	3/32
		15/00
144	B 60 j	1/12
145	E 06 b	3/32
146	B 60 j	1/08
147	E 05 d	7/00
148	E 06 b	7/00
149	E 05 d	15/48
	E 05 f	11/52
150, 151	E 05 d	15/22
152 – 154	E 05 d	15/48
	E 05 f	11/52
155	E 05 d	15/22
156	E 06 b	11/00
157	E 05 d	15/48
	E 05 f	11/52
158 – 160	E 06 b	11/00
161, 162	E 05 d	15/22
163	E 05 d	15/48
	E 05 f	11/52
164, 165	E 05 d	15/22
166, 167	B 60 j	1/08
		13/00
168 – 170	E 05 d	15/48
	E 05 f	11/52
	E 06 b	7/28
171	E 06 b	7/28
172 – 189	E 05 d	15/22
190, 191	E 06 b	11/00
192	E 05 d	15/52
193	E 05 d	15/50
194 – 196	E 05 d	15/22
197, 198	E 05 d	15/38
		15/56
199, 200	E 05 f	11/00
		15/00
201, 202	E 05 d	15/22
203 – 206	E 05 d	15/40
207	E 05 d	15/08
208	E 05 d	15/56
209	E 05 d	15/10
210	E 05 f	11/38
211	E 05 f	11/52
212 – 225	E 05 d	15/10
226	E 05 d	15/06
227	E 05 f	11/52
228 – 231	E 05 d	15/06
232, 233	E 05 d	15/14
234, 235	E 05 d	15/56
	E 06 b	3/50
236 – 245	E 05 d	7/06
	E 05 f	1/04
246 – 249	E 05 d	15/28
		15/40
250 – 252	E 05 d	15/30
		15/42
		15/44
253	E 05 d	15/28
		15/40
254	E 05 d	15/58
255, 256	E 05 f	7/02
257 – 259	E 05 d	15/58
260	E 05 d	15/58
261	E 05 d	15/56
262	E 05 f	13/02
263 – 272	E 05 f	13/00
273, 274	E 05 f	13/04
275 – 278	E 05 f	11/00
279	E 05 f	11/02
		11/54
280	E 05 f	15/00
281	E 05 f	11/02
		11/54
282 – 299	B 61 l	29/08
	E 05 f	11/02
	E 06 b	11/00
300	E 05 f	11/00
		11/54
301	E 05 f	11/04
		11/54
302	E 05 f	11/00
		11/54
303 – 315	E 06 b	7/20
316 – 321	E 06 b	7/28
322	E 05 d	17/00
323	B 60 j	13/04
	E 05 f	11/38
324 – 326	E 05 f	11/00
327 – 332	B 61 l	29/08
	E 05 f	11/02
	E 06 b	11/00
333	E 05 f	11/00
334	E 05 f	15/02
		15/10
335 – 337	E 05 f	11/00
338	E 05 f	11/24
339	E 05 f	11/24
340	E 05 f	11/24
		15/02
		15/10
341 – 343	E 05 f	11/24
344	E 05 f	11/08
345	E 05 f	11/28
346	E 05 f	11/24
347	E 05 f	11/04
348	E 05 f	11/38
349	E 05 f	15/08
		15/16
350, 351	E 05 f	11/44
		11/46
352	E 05 f	11/48
353	E 05 f	11/44
354, 355	E 05 f	11/36
356	E 05 f	9/00
357 – 361	E 05 f	11/00
362	E 05 f	11/34
		11/40
363	E 05 f	11/12
364	E 05 c	15/00
365	E 06 b	5/00
366, 367	E 05 c	7/04
	E 05 d	15/18
	E 06 b	3/32
368	E 06 b	7/16
369	E 06 b	7/16
370	E 06 b	3/42
371	E 06 b	3/34

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 49—Con.		
372–378	B 60 j	1/16
	E 05 f	11/38
379	E 05 f	1/00
380	E 06 b	1/00
		3/32
381	E 05 d	15/00
	E 06 b	3/34
		11/00
382	E 05 d	7/02
383	E 05 d	11/00
	E 06 b	7/16
384	E 05 d	5/14
385	E 05 d	7/00
386	E 05 f	1/10
387	E 05 f	1/00
388	E 05 d	7/08
389	E 05 d	7/10
		7/12
390	E 05 d	15/00
	E 06 b	3/34
391	B 60 j	1/14
392, 393	E 06 b	1/00
		7/16
394	E 05 b	65/06
	E 05 c	17/00
		19/00
395	E 05 c	9/00
396	E 05 f	7/06
397–402	E 05 d	7/00
403	E 06 b	7/08
404	E 05 d	15/06
		15/16
	E 06 b	3/34
		11/00
405	E 05 d	15/14
406, 407	E 05 d	15/16
	E 06 b	7/00
408	E 06 b	7/14
409–412	E 05 d	13/02
413	E 05 d	3/32
		15/06
	E 06 b	3/32
414–419	E 05 d	13/00
		15/16
	E 06 b	7/16
420	E 05 d	13/02
421–423	E 05 d	13/00
		15/16
424	E 05 b	7/16
425–427	E 05 d	13/02
428	E 05 d	15/16
	E 06 b	7/16
429, 430	E 05 d	13/10
431–444	E 05 d	15/16
	E 06 b	7/16
445, 446	E 05 d	13/10
447, 448	E 05 d	13/14
449	E 05 d	13/04
450	E 05 d	13/06
451	E 05 d	13/08
452–459	E 05 d	13/00
		15/06
		15/16
460	E 05 b	1/00
	E 06 b	3/30
461	E 05 f	7/00
462	B 06 b	7/00
	B 60 j	5/00
463, 464	E 06 b	3/32
465	E 05 c	21/02
466	E 06 b	7/18
467–471	E 06 b	1/70
472–474	E 06 b	1/04
		7/16
475–500	E 06 b	7/16
501	E 06 b	3/00
502	B 60 j	5/04
503	E 06 b	3/00
504, 505	E 06 b	1/04
506, 507	E 06 b	3/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 51		
Abrading		
(IPC B 24 b)		
1	B 24 b	25/00
		27/00
2–5	B 24 b	7/00
		9/00
6, 7	B 24 b	19/00
8–15	B 24 c	3/00
16–25	B 24 b	31/00
26	B 24 b	15/00
27–30	B 24 b	15/02
31–41	B 24 b	7/00
		9/00
42	B 24 b	5/00
43–47	B 24 b	7/00
		9/00
48	B 24 b	3/00
		5/18
49	B 24 b	5/00
50	B 24 b	5/00
		29/00
		37/00
51	B 24 b	3/46
		29/00
52	B 24 b	5/00
53	B 24 b	5/00
		29/00
54–66	B 24 b	7/00
		9/00
67	B 24 b	5/00
68–78	B 24 b	7/00
		9/00
79	B 24 b	5/18
80–87	B 24 b	7/00
		9/00
88, 89	B 24 b	5/00
90–95	B 24 b	3/00
		5/00
96	B 24 b	7/00
		9/00
97	B 24 b	5/00
98–99	B 24 b	7/00
		9/00
100	B 24 b	7/00
		9/00
		17/00
101, 102	B 24 b	7/00
		9/00
103	B 24 b	5/00
		5/18
		29/00
104	B 24 b	3/46
		5/00
105	B 24 b	5/00
		17/00
106	B 24 b	5/00
		29/00
107	B 24 b	5/00
108	B 24 b	5/00
		5/18
		29/00
109–116	B 24 b	7/00
		9/00
117	B 24 b	5/00
118	B 24 b	5/00
		29/00
119–122	B 24 b	7/00
		9/00
123	B 24 b	3/00
		5/00
124–126	B 24 b	7/00
		9/00
127	B 24 b	7/00
		9/00
		17/00
128	B 24 b	7/00
		9/00
129	B 24 b	5/00
130	B 24 b	5/24
		11/00
131	B 24 b	5/00
		29/00
132–134.5	B 24 b	5/00

U.S. Subclass	IPC Subclass	IPC Notation
135–143	B 24 b	21/00
144	B 24 b	5/00
		21/00
145	B 24 b	5/00
		21/02
		29/00
146–153	B 24 b	21/00
		23/06
		25/00
154, 155	B 24 b	5/00
156, 157	B 24 b	25/00
158, 159	B 24 b	3/48
160	B 24 b	13/00
161	B 24 b	5/00
162	B 24 b	5/00
		13/00
163	B 24 b	31/00
164, 164.5	B 24 b	31/02
165	B 24 b	49/00
		51/00
166–169	B 24 b	41/00
170–180	B 24 b	23/00
181	B 24 b	25/00
204–214	B 24 d	5/00
		7/00
215	B 24 b	47/02
216, 217	B 24 b	41/06
218–229	B 24 b	19/00
230–234	B 24 b	47/02
235	B 24 b	47/00
236, 237	B 25 b	5/00
		41/06
238–240	B 24 b	41/06
241–261	B 24 b	19/00
262	B 24 b	55/00
262.1	B 41 j	11/02
263, 264	B 24 b	57/00
265	B 24 b	55/04
266, 267	B 24 b	55/02
268–272	B 24 b	55/04
273	B 24 b	55/06
274	B 24 b	55/04
275–277	B 24 b	19/00
281–292	B 24 b	1/00
293	B 24 d	3/00
		11/00
		17/00
	C 11 d	3/14
294	B 24 d	11/02
		17/00
295	B 24 b	1/00
	B 24 d	11/00
296	B 24 b	1/00
	B 24 d	3/00
297	B 24 d	11/00
298	C 08 g	51/12
	C 08 h	17/12
299	C 08 c	11/04
	C 08 d	13/36
300, 301	C 08 h	17/12
302, 303	C 08 h	17/12
304	C 11 c	
305, 306	B 24 b	1/00
307–309	B 24 d	3/02
	C 04 b	31/16
	C 09 c	1/68
310–316	B 24 b	1/00
317–321	B 24 b	1/00
	B 24 c	1/00
322–328	B 24 b	1/00
330	B 24 d	9/00
331–354	B 24 b	9/02
355	B 24 b	3/00
356	B 24 b	55/02
357	B 24 d	9/08
358–361	B 24 d	17/00
362	B 24 d	9/10
363	B 24 d	17/00
364–369	B 24 b	45/00
370, 371	B 24 b	9/10
372–375	B 24 d	9/02
376–390	B 24 d	17/00
391–393	B 24 d	15/00
394–407	B 24 d	11/00

U.S. Class 52

Static structure, e.g., buildings

(IPC E 04 b)

U.S. Subclass	IPC Subclass	Notation
1	E 04 h	9/00
		14/00
2	E 04 b	1/34
	E 04 g	11/04
3	B 62 d	63/04
	E 04 b	1/34
	E 04 h	7/12
4	E 04 d	1/34
5	E 04 d	5/00
6	E 04 h	3/10
7	E 04 h	3/26
8 – 10	E 04 h	3/12
0		
11 – 15	E 04 d	13/00
16	E 04 d	13/08
17	B 61 d	17/18
18	E 04 b	7/12
19	E 02 d	29/14
	E 04 b	7/18
	E 04 d	13/00
	E 04 f	19/08
20, 21	E 02 d	29/14
22, 23	E 04 b	7/00
24 – 26	E 04 d	13/00
27, 28	E 04 f	19/00
	E 04 h	14/00
29 – 32	B 66 b	9/00
	E 04 h	6/06
33	E 04 h	3/04
34, 35	A 47 k	3/16
36	A 47 b	5/00
	A 47 c	19/00
	A 47 g	29/02
	A 47 h	27/00
37	A 47 l	3/00
	E 04 g	3/08
38, 39	G 09 f	7/18
40	E 04 h	12/00
41 – 44	B 61 d	17/14
	E 04 d	13/12
45 – 56	B 61 d	17/12
		39/00
57	E 04 b	7/00
	E 04 d	1/30
		3/40
		13/00
58 – 62	E 04 d	1/36
		3/38
		13/14
63	E 04 b	1/12
		1/347
64 – 72	E 04 b	1/346
		7/16
73 – 78	E 04 b	1/34
		7/16
79	E 04 h	1/12
		9/06
80, 81	E 04 b	1/32
		7/08
82	E 04 b	7/00
83	E 04 b	7/14
84	B 61 d	17/02
	E 04 h	9/14
85	E 04 g	15/02
	E 06 b	1/24
86 – 89	E 04 b	1/32
90 – 93	E 04 b	7/02
94 – 96	E 04 b	7/00
	E 04 d	3/40
		13/00
97	E 04 d	13/00
		15/08
98 – 100	E 04 b	1/00
	E 04 c	1/00
101	A 01 k	3/00
	E 04 b	1/72
	E 04 h	9/16
102	E 02 d	27/00
103, 104	E 01 f	9/02
	E 04 h	13/00
105	E 04 b	1/00
106	E 04 h	3/08
107	E 04 f	17/06
	E 06 b	5/02
108	E 04 h	12/18
109	E 04 h	12/18
110	E 04 h	12/00
	H 01 q	1/08
111 – 121	E 04 h	12/34
122 – 126	E 04 d	15/00
	E 04 g	21/00
127	E 02 d	35/00
	E 04 b	1/00
	E 04 g	23/00
128 – 142	E 04 h	13/00
143	E 04 b	1/34
	E 04 h	1/12
144, 145	E 04 b	1/82
146 – 152	E 04 h	12/20
153, 154	E 04 h	12/20
		17/22
155 – 165	E 02 d	5/74
166	E 02 d	5/74
167	E 02 d	27/34
	E 04 b	1/98
	E 04 h	9/02
168	E 04 b	1/92
169, 170	E 02 d	27/00
171, 172	E 06 b	7/12
173	E 04 h	14/00
174 – 176	E 01 f	9/00
	E 04 h	6/42
177, 179 – 181	B 44 d	5/08
	E 04 f	11/16
182 – 191	E 04 f	11/00
		19/10
192 – 197	E 04 h	7/00
198, 199	E 04 b	7/00
	E 04 h	12/28
200	E 04 b	7/18
201	E 06 b	1/38
202	E 06 b	3/26
203	E 06 b	3/28
204 – 207	E 06 b	1/04
208	E 06 b	3/00
209	E 06 b	7/14
210 – 217	E 06 b	1/04
218	E 04 h	12/28
219	E 04 d	13/14
	E 04 g	15/06
	E 04 h	12/28
220, 221	E 04 b	5/48
	E 04 f	17/00
222	E 04 b	1/00
223 – 230	E 04 c	3/10
		3/26
		5/08
231	E 04 c	3/20
232	E 04 c	2/00
233	E 04 b	1/10
234 – 243	E 04 h	1/00
		3/00
		5/00
244	E 04 h	12/28
245 – 249	E 04 b	1/32
	E 04 g	11/04
250 – 260	E 04 b	1/00
261 – 271	E 04 b	1/00
		5/00
		7/00
272 – 289	E 04 b	1/00
		5/00
		7/00
290	E 04 b	5/00
	E 04 f	19/04
291	E 04 g	23/00
292 – 297	E 02 d	27/00
		27/32
298, 299	E 02 d	27/42
300, 301	E 04 h	12/00
302, 303	E 04 b	1/70
	E 04 f	17/00
304	E 06 b	3/24
		3/64
305	E 04 b	1/70
	E 04 f	17/00
306 – 308	E 04 b	5/46
	E 04 c	1/42
309	E 04 c	1/00
310	E 04 b	1/16
	E 04 g	21/00
311 – 316	B 44 f	7/00
		9/00
	E 04 c	1/00
317	E 04 b	1/94
318	E 04 f	15/14
319	E 04 b	1/20
		5/16
		5/18
320 – 325	E 04 b	5/30
	E 04 c	1/24
326 – 341	E 04 b	1/16
		1/20
		5/18
342, 343	E 04 f	13/04
344 – 363	E 04 b	5/52
	E 04 f	13/04
364 – 366	E 04 c	3/16
	E 04 f	13/06
367 – 375	E 04 b	2/00
376, 377	E 04 b	5/00
378 – 383	E 04 b	1/16
384 – 392	E 04 f	13/08
393 – 403	E 04 b	1/62
	E 04 f	15/14
		15/22
404	E 04 b	1/74
405	E 04 b	2/00
406, 407	E 04 b	2/00
408 – 413	E 04 b	5/00
414	E 04 b	1/18
415 – 421	E 04 b	2/00
422	E 04 c	1/10
423 – 442	E 04 b	2/00
443 – 454	E 04 b	5/52
	E 04 f	13/04
455 – 458	E 06 b	3/70
459 – 472	E 04 c	1/34
	E 04 d	1/36
473	E 06 b	7/08
474 – 502	E 04 b	5/52
	E 06 b	3/54
503 – 505	E 04 b	5/48
	E 04 c	1/08
		1/39
506 – 513	E 04 b	1/38
	E 04 c	1/40
514	E 02 d	37/00
	E 04 g	23/00
515 – 517	B 27 k	1/00
		3/00
		5/00
	E 04 b	1/62
518 – 542	E 04 d	1/00
543 – 552	E 04 d	1/34
553 – 560	E 04 d	1/00
561 – 572	E 04 b	1/02
	E 04 c	1/04
573	E 04 b	1/68
		1/98
574, 575	E 04 c	1/04
576, 577	E 04 c	1/06
		1/16
578 – 595	E 04 c	1/10
		1/30
596 – 612	E 04 b	5/04
	E 04 c	2/04
613, 614	E 04 c	2/00
615 – 621	E 04 b	2/28
	E 04 c	2/34
622, 623	E 04 c	2/00
624 – 629	E 04 c	2/00
630	E 04 c	2/32
		2/38
631	E 04 c	2/00
632	E 04 g	25/00
	E 04 h	12/18
633 – 636	E 04 b	1/18
		5/10
		5/18
	E 04 c	3/02
637, 638	E 04 h	12/00
639 – 644	E 04 b	1/32
		7/08
	E 04 c	3/38

U.S. Class 52—Con.

U.S. Subclass	IPC Subclass	IPC Notation
645, 646	E 04 h	12/18
647	E 04 b	5/10
	E 04 c	3/02
648–655	E 04 h	12/00
656–658	E 04 c	2/38
659	E 04 c	5/00
660–676	E 04 c	2/42
		5/04
	E 04 f	15/06
		19/10
677–689	E 04 c	5/16
690–697	E 04 c	3/02
		3/30
	E 04 h	12/00
698–715	E 04 b	1/38
	E 04 c	5/00
716–718	E 04 c	2/38
	E 04 f	19/02
719	E 04 c	5/16
720, 721	E 04 c	3/30
722–725	E 04 c	3/34
726–740	E 04 c	3/30
741–748	E 04 b	1/00
	E 04 g	21/00
		23/00
749	E 04 d	15/00
	E 04 f	21/00
	E 04 g	21/14
750	E 04 b	1/00

U.S. Class 53

Package making

(IPC B 65 b)

U.S. Subclass	IPC Subclass	IPC Notation
1, 2	C 06 f	5/00
3	B 65 b	
4–6	B 65 b	29/00
7–12	B 65 b	31/00
0		
13	B 65 b	11/00
	B 65 h	81/00
14–19	B 65 b	61/00
21	B 65 b	1/20
		13/20
		31/00
		55/00
		63/00
22	B 65 b	31/00
23	B 65 b	63/08
24	B 65 b	1/20
		13/20
		63/02
25	B 65 b	55/14
		63/08
26	B 65 b	21/06
		35/30
27	B 65 b	41/18
28	B 65 b	9/00
29, 30	B 65 b	43/00
31	B 65 b	11/48
32	B 65 b	11/00
33	B 65 b	11/00
		51/10
		51/32
34	B 65 b	11/00
35	B 65 b	1/04
		3/04
		5/00
36	B 65 b	3/04
37	B 65 b	1/04
		3/04
		5/00
38	B 65 b	7/00
39	B 65 b	7/00
		51/10
40	B 65 b	7/00
41	B 65 b	7/28
	B 67 b	1/02
42	B 65 b	7/28
	B 67 b	
43	B 65 b	7/28
	B 67 b	1/04
44, 45	B 65 b	7/06
46	B 65 b	7/08
47	B 65 b	7/20
48, 49	B 65 b	21/00
		21/08
50	B 65 b	61/20
51	B 65 b	57/00
52	B 65 b	19/28
		57/00
53–59	B 65 b	57/00
60	B 56 b	19/32
		57/00
61, 62	B 65 b	57/10
63	B 65 b	57/06
64–72	B 65 b	57/02
73, 74	B 65 b	57/12
75, 76	B 65 b	57/00
	B 67 b	3/26
77	B 65 b	57/00
78	B 65 b	57/18
		57/20
	B 67 b	3/26
79–85	B 65 b	31/00
86–96	B 65 b	31/02
97–108	B 65 b	31/02
	B 67 b	3/24
109, 110	B 65 b	31/02
111	B 65 b	
112	B 65 b	31/00
113, 114	B 65 b	
115	B 65 b	55/00
		55/20
		61/22
		63/00
116–120	B 65 b	63/04
121–123	B 65 b	55/00
		63/00
124	B 65 b	1/20
		13/20
		63/02
125	B 65 b	13/20
		63/02
126	B 65 b	1/22
		63/02
127	B 65 b	63/08
128–130	B 65 b	61/00
131	B 65 b	61/00
	B 67 b	5/04
132	B 65 b	61/00
133	B 65 b	61/18
134–136	B 65 b	61/14
137–139.3	B 65 b	61/00
140	B 65 b	
141	B 65 b	47/02
		53/00
		61/00
142–146	B 65 b	35/56
147	B 65 b	5/06
		21/06
		35/30
148	B 65 b	19/04
		19/34
		35/30
149–151	B 65 b	19/04
		35/30
152, 153	B 65 b	35/30
154–157	B 65 b	35/54
158	B 65 b	35/30
159–166	B 65 b	35/30
		35/50
167	B 65 b	17/00
		55/00
		61/00
		65/08
168	B 65 b	
169	B 65 b	19/18
		43/40
170–176	B 65 b	41/18
177–179	B 65 b	9/00
		51/26
180, 181	B 65 b	9/12
		51/30
182	B 65 b	9/12
		51/30
		61/04
183–185	B 65 b	1/02
		3/02
		5/02
		43/00
		47/00
186–195	B 65 b	1/02
		3/02
		5/02
		43/26
		47/00
196–200	B 65 b	13/00
		27/00
201, 202	B 65 b	
203	B 65 b	11/00
		19/22
		21/24
		25/18
		49/00
204	B 65 b	11/00
	B 65 h	49/00
		81/00
205	B 65 b	11/00
		49/00
206	B 65 b	11/48
		49/00
207–210	B 65 b	11/00
		49/00
211–217	B 65 b	11/04
		21/26
		49/00
218, 219	B 65 b	11/02
		45/00
		49/00
220–224	B 65 g	11/06
		49/00
225	B 65 b	11/28
		49/00
226	B 65 b	11/06
		49/00
227	B 65 b	11/14
		11/24
		11/34
		11/44
		49/00
228–233	B 65 b	11/06
		49/00
234	B 65 b	11/28
		49/00
235	B 65 b	1/04
		3/04
		5/00
		39/00
236	B 65 b	1/04
		3/04
		5/00
		19/00
		39/00
237–243	B 65 b	1/04
		3/04
		5/00
		39/00
244, 245	B 65 b	1/04
		3/04
		5/10
		39/00
246	B 65 b	1/04
		3/04
		5/04
		39/00
247–263	B 65 b	1/04
		3/04
		5/00
		39/00
264, 265	B 65 b	7/28
266–284	B 65 b	1/00
		3/00
		5/00
285, 286	B 65 b	7/00
287–289	B 65 b	7/28
	B 67 b	
290–295	B 65 b	7/28
	B 67 b	1/02
296–298	B 65 b	7/28
	B 67 b	3/02
		3/04
299–305	B 65 b	7/28
	B 67 b	
306–312	B 65 b	7/28

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 53—Con.		
	B 67 b	3/06
313–316	**B 65 b**	7/28
	B 67 b	3/08
317, 318	**B 65 b**	7/28
	B 67 b	1/06
		3/20
319–328	**B 67 b**	1/04
		5/02
		7/28
329–331	**B 65 b**	7/28
	B 67 b	
331.5	**B 65 b**	7/28
	B 67 b	1/06
332, 333	**B 65 b**	7/28
	B 67 b	
334–336	**B 65 b**	7/28
	B 67 b	3/10
337	**B 65 b**	7/28
	B 67 b	2/10
338–365	**B 65 b**	7/28
	B 67 b	3/10
366–369	**B 65 b**	7/28
	B 67 b	
370	**B 65 b**	7/12
		51/00
371, 372	**B 65 b**	7/06
373	**B 65 b**	7/06
		51/10
		51/32
374	**B 65 b**	7/20
375	**B 65 b**	7/20
		51/10
		51/32
376, 377	**B 65 b**	7/26
378	**B 65 b**	7/04
		7/18
379	**B 65 b**	7/04
		7/18
		51/10
		51/32
380	**B 65 b**	7/04
		7/18
381	**B 65 b**	43/26
382	**B 65 b**	43/38
383, 384	**B 65 b**	43/26
385, 386	**B 65 b**	43/36
387, 388	**B 65 b**	51/00
389	**B 65 b**	41/00
390–392	**B 65 b**	67/00
393	**B 65 b**	65/00

U.S. Class 54

Harness

(IPC B 68 b)

1	**B 68 b**	1/00
2	**B 68 b**	1/00
3	**B 68 b**	3/02
4	**B 68 b**	1/00
5	**B 68 b**	3/18
6	**B 68 b**	1/04
7–9	**B 68 b**	1/06
10, 11	**B 68 b**	1/10
		1/12
12–14	**B 68 b**	1/04
15	**B 68 b**	1/08
16, 17	**B 68 b**	1/00
		1/04
18, 19	**B 68 b**	3/04
20	**B 68 b**	3/14
21	**B 68 b**	3/12
22	**B 68 b**	5/04
23	**B 68 c**	1/00
24	**B 68 b**	1/02
25–29	**B 68 b**	3/04
30, 31	**B 68 b**	5/02
32, 33	**B 68 b**	5/02
34	**B 68 b**	1/00
		5/00
35	**B 68 b**	1/00
		5/00
36	**B 68 b**	1/00
		1/04
37–40	**B 68 c**	1/00
41	**B 68 c**	1/00
42, 43	**B 68 c**	1/00
44	**B 68 c**	1/00
45	**B 68 c**	1/06
46	**B 68 c**	1/20
47, 48, 49, 49.5	**B 68 c**	3/00
50, 51	**B 68 b**	1/00
52, 53	**B 68 b**	3/20
54–56	**B 68 b**	3/22
57	**B 68 b**	1/00
58, 59	**B 68 b**	1/00
61, 62	**B 68 b**	1/00
63, 64	**B 68 b**	1/00
65	**B 68 b**	3/08
		3/10
		3/16
66	**B 68 b**	1/12
		3/08
		3/10
		3/16
67	**B 68 b**	3/08
		3/10
		3/16
68	**B 68 b**	3/08
		3/10
		3/16
		5/00
69	**B 68 b**	5/08
70	**B 68 b**	1/00
		5/00
71, 72	**B 68 b**	1/00
74, 73	**B 68 b**	1/00
		5/00
75, 76	**B 68 b**	1/00
		5/06
77	**B 68 b**	
78	**B 68 b**	1/00
		5/04
79–82	**B 68 c**	5/00
83	**A 43 c**	17/00
84	**B 68 b**	9/00
85	**B 68 b**	1/02
		5/00
87	**B 68 b**	5/00

U.S. Class 55

Process of gas separation

(IPC B 01 d)

1	**B 01 d**	
2	**B 03 c**	
3	**B 03 c**	1/00
4	**B 03 c**	1/00
		3/36
		3/72
		9/00
5	**B 03 c**	
6–9	**B 01 d**	53/00
	B 03 c	
10	**B 03 c**	1/00
		3/01
		5/00
		9/00
11	**B 03 c**	1/00
		3/00
		9/00
12, 13	**B 03 c**	3/74
14	**B 03 c**	3/10
15	**B 01 d**	51/08
16	**B 01 d**	59/10
17	**B 01 d**	57/00
18–21	**B 01 d**	
22	**B 01 d**	47/00
23, 24	**B 01 d**	51/00
25–28	**B 01 d**	51/00
		53/00
29–33	**B 01 d**	53/02
		53/14
34	**B 01 d**	53/06
35	**B 01 d**	53/02
		53/14
36–56	**B 01 d**	19/00
		47/00
57–58	**B 01 d**	51/06
59	**B 01 d**	53/00
	B 01 j	1/22
60, 61	**B 01 d**	53/08
		53/14
	B 01 j	1/22
62	**B 01 d**	53/00
	B 01 j	1/22
63	**B 01 d**	19/00
		39/00
		41/00
		43/00
		45/00
		46/00
		47/00
		49/00
		50/00
		53/00
		57/00
		59/00
	C 10 h	
64–65	**B 01 d**	19/00
66	**B 01 d**	53/00
	C 01 b	23/00
67	**B 01 d**	15/08
	G 01 n	31/08
68	**B 01 d**	19/00
		39/00
		41/00
		43/00
		45/00
		46/00
		47/00
		49/00
		50/00
		51/00
		53/00
		57/00
		59/00
69	**B 01 d**	19/00
		39/00
		41/00
		43/00
		45/00
		46/00
		47/00
		49/00
		50/00
		51/00
		57/00
		59/00
	C 01 c	
70	**B 01 d**	19/00
		39/00
		41/00
		43/00
		45/00
		46/00
		47/00
		49/00
		50/00
		51/00
		53/00
		57/00
		59/00
	C 01 c	1/00
71–73	**B 01 d**	19/00
		39/00
		41/00
		43/00
		45/00
		46/00
		47/00
		49/00
		50/00
		51/00
		53/00
		57/00
		59/00
74–76	**B 01 d**	53/02
	B 01 j	1/22
77–79	**B 01 d**	53/06
	B 01 j	1/22
80	**B 01 d**	47/00
		49/00
		50/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 55—Con.		
		51/00
		53/22
		53/28
		57/00
		59/10
81	B 01 d	53/26
		59/16
82	B 01 d	59/08
83	B 01 d	47/00
		50/00
		57/00
84 – 87	B 01 d	47/00
88	B 01 d	47/00
	C 10 g	5/00
89 – 93	B 01 d	47/00
94	B 01 d	47/06
95	B 01 d	47/02
96	B 01 d	46/04
97	B 01 d	46/00
		47/00
		49/00
		50/00
		51/00
		53/00
		57/00
98	B 01 d	43/30
99	B 01 d	46/32
100	B 03 c	1/00
101	B 03 c	1/00
		9/00
102	B 03 c	3/38
103	B 03 c	3/30
104 – 106	B 03 c	3/66
		3/72
107	B 03 c	3/00
		5/00
		9/00
108 – 111	B 03 c	3/16
		3/74
		3/88
112	B 03 c	3/76
113 – 116	B 03 c	3/10
		3/12
		3/16
		3/74
117 – 120	B 03 c	3/74
121	B 03 c	3/74
122	B 03 c	3/16
		3/36
		9/00
123	B 03 c	3/00
		3/38
		9/00
124 – 126	B 03 c	3/01
		3/14
127	B 03 c	3/14
128 – 133	B 03 c	3/00
		3/36
134 – 135	B 03 c	3/01
136 – 138	B 03 c	3/00
		9/00
139	B 03 c	3/02
140 – 149	B 03 c	3/04
		3/40
150 – 153	B 03 c	3/40
154 – 157	B 03 c	3/02
		3/45
158	B 01 d	13/00
		53/22
		59/10
159	B 01 d	19/00
		53/00
160	B 01 d	19/00
		53/30
161 – 163	B 01 d	47/00
		53/00
164 – 170	B 01 d	19/00
		53/00
171 – 177	B 01 d	19/00
		47/00
		53/00
178	B 01 d	19/02
179 – 181	B 01 d	53/00
	B 01 j	1/22
182	B 01 d	19/02
183 – 188	B 01 d	19/00
189 – 195	B 01 d	19/00
		39/00
		41/00
		45/00
		46/00
		47/00
		49/00
		50/00
		51/00
		53/00
		57/00
196	B 01 d	19/00
197	B 01 d	15/08
		19/00
198	B 01 d	19/00
		47/02
		47/04
199 – 207	B 01 d	47/00
		53/22
		53/24
		53/26
		53/28
		57/00
208	B 01 d	19/00
		53/26
		53/28
209	B 01 d	53/22
		59/16
210 – 219	B 01 d	19/00
		39/00
		41/00
		45/00
		46/00
		47/00
		49/00
		50/00
		51/00
		53/00
		57/00
		59/00
220 – 234	B 01 d	47/00
235 – 239	B 01 d	47/10
240 – 241	B 01 d	19/00
		47/00
		49/00
		53/22
		57/00
242 – 243	B 01 d	45/18
		46/04
		47/00
244 – 256	B 01 d	19/00
		47/02
257 – 259	B 01 d	47/00
		50/00
260	B 01 d	47/00
261 – 266	B 01 d	50/00
		51/00
267 – 269	B 01 d	51/00
		53/26
		53/28
270	B 01 d	53/30
271 – 276	B 01 d	19/00
		39/00
		41/00
		45/00
		46/00
		47/00
		49/00
		50/00
		51/00
		53/00
		57/00
		59/00
277	B 01 d	51/08
278	B 01 d	46/60
279 – 288	B 01 d	19/00
		39/00
		41/00
		45/00
		46/00
		47/00
		49/00
		50/00
		51/00
		53/00
		57/00
		59/00
289	B 01 d	50/00
290	B 01 d	46/38
291 – 292	B 01 d	41/00
		45/18
		46/04
		56/08
293	B 01 d	41/00
		45/18
		46/04
294	B 01 d	41/00
		45/18
		46/04
295 – 300	B 01 d	41/00
		45/18
		46/04
301 – 305	B 01 d	41/00
		45/18
		46/04
306	B 01 d	39/00
		46/00
		46/48
	B 64 c	1/14
307 – 308	B 01 d	39/00
		46/00
309 – 314	B 01 d	46/42
		46/44
		46/46
315 – 337	B 01 d	50/00
		59/50
338 – 340	B 01 d	9/00
		39/00
		41/00
		45/00
		46/00
		47/00
		49/00
		50/00
		51/00
		53/00
		57/00
		59/50
341	B 01 d	46/02
		50/00
342 – 344	B 01 d	45/00
345 – 349	B 01 d	45/12
350	B 01 d	50/00
		53/00
351 – 354	B 01 d	46/18
		46/20
		46/22
		53/06
355 – 360	B 01 d	9/00
		39/00
		41/00
		45/00
		46/00
		47/00
		49/00
		50/00
		51/00
		53/00
		57/00
		59/00
361 – 382	B 01 d	46/02
		46/06
		46/08
383	B 01 d	19/00
		45/00
		46/42
		47/00
		50/00
		53/24
		59/10
		59/20
384	B 01 d	53/02
		53/14
385	B 01 d	50/00
		59/50
386	B 01 d	53/00
		57/00
		59/00
	G 01 n	31/08
387 – 390	B 01 d	39/00
		46/30
		53/06
		53/14
		59/22

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 55—Con.		
		59/28
	B 01 j	1/22
391	B 01 d	39/00
		45/00
		46/00
		47/00
		49/00
		50/00
		51/00
		53/00
		57/00
		59/00
392 – 399	B 01 d	19/00
		45/00
		46/00
		47/00
		49/00
		50/00
		53/00
		57/00
		59/00
400 – 409	B 01 d	45/00
		46/18
		46/30
		47/00
		50/00
		53/06
		53/24
		59/20
410 – 417	B 01 d	45/00
		46/00
		47/00
		49/00
		50/00
		53/00
		57/00
		59/00
418 – 420	B 01 d	51/00
421	B 01 d	47/00
422	B 01 d	41/00
		45/18
		46/42
		47/00
423	B 01 d	45/00
		46/00
		47/00
		49/00
		50/00
		51/00
		53/00
		57/00
		59/00
424 – 427	B 01 d	41/00
		45/00
		46/00
		47/00
		49/00
		50/00
		51/00
		53/00
		57/00
		59/00
428 – 433	B 01 d	41/00
		45/18
		46/04
		46/42
		47/00
		53/00
		59/00
434 – 446	B 01 d	45/00
447 – 458	B 01 d	45/12
	B 04 c	
459, 460	B 01 d	45/12
	B 04 c	5/04
461	B 01 d	45/12
	B 04 c	
462 – 465	B 01 d	45/08
466	B 01 d	19/00
		41/00
		45/00
		46/00
		47/00
		49/00
		50/00
		53/00
		57/00

U.S. Subclass	IPC Subclass	IPC Notation
		59/00
467 – 473	B 01 d	19/00
		45/00
		46/00
		47/00
		49/00
		50/00
		51/00
		53/00
		57/00
		59/00
474	B 01 d	46/32
		53/06
		53/14
		59/20
		59/22
475	B 01 d	45/00
		46/00
		47/00
		49/00
		50/00
		51/00
		53/00
		57/00
		59/00
476	B 01 d	45/00
		46/00
		47/00
		49/00
		53/00
		57/00
		59/00
477	B 01 d	46/28
478 – 481	B 01 d	45/00
		46/00
		47/00
		49/00
		50/00
		53/00
		57/00
		59/00
482 – 489	B 01 d	50/00
		59/50
490 – 494	B 01 d	39/00
		46/00
		47/00
		53/00
495 – 511	B 01 d	39/08
		39/10
		39/14
		46/10
		46/18
		46/40
		46/52
		46/54
512 – 519	B 01 d	39/02
		46/30
520	B 01 d	46/10
		46/24
521	B 01 d	39/08
		39/10
		39/14
		46/10
		46/40
		46/52
522	B 01 d	39/00
523	B 01 d	39/06
		39/20
524	B 01 d	39/14
525 – 526	B 01 d	39/08
		39/10
527	B 01 d	39/02
		39/14
528	B 01 d	39/04
		39/16
529	B 01 d	46/00

U.S. Class 56

Harvesters

(IPC A 01 d)

U.S. Subclass	IPC Subclass	IPC Notation
1 – 5	A 01 d	
6, 7	A 01 d	75/30
8, 9	A 01 d	45/08
10	A 01 d	69/00
11	A 01 d	45/18
12, 13	A 01 d	45/20
14	A 01 d	45/18
15 – 18	A 01 d	45/02
19	A 01 d	41/08
		45/22
		45/24
		45/30
20, 21	A 01 d	41/02
		41/04
		41/10
22	A 01 d	37/00
23, 24	A 01 d	43/00
		47/00
25	A 01 d	35/02
25.4	A 01 d	35/26
26	A 01 d	35/24
26.5	A 01 d	35/00
27	A 01 d	51/00
27.5	A 01 d	45/16
28, 29	A 01 d	45/18
30 – 50	A 01 d	45/20
51 – 61	A 01 d	45/02
62	A 01 d	45/02
		45/10
63 – 121	A 01 d	45/02
121.4 – 121.46	A 01 d	23/02
122 – 125	A 01 d	41/00
126 – 130	A 01 d	41/08
		45/22
		45/24
		45/30
131, 132	A 01 d	37/00
133	A 01 d	37/06
134 – 139	A 01 d	37/00
140	A 01 d	37/04
141, 142	A 01 d	37/00
143 – 151	A 01 d	37/02
152	A 01 d	37/00
		39/00
153 – 162	A 01 d	43/00
163 – 180	A 01 d	43/02
181 – 191	A 01 d	43/00
192	A 01 d	43/00
		57/26
		57/28
		57/30
193	A 01 d	43/02
194 – 200	A 01 d	35/22
		43/00
		53/06
201	A 01 d	53/06
202 – 206	A 01 d	35/22
		43/00
		53/06
207	A 01 d	43/00
208	A 01 d	67/00
209	A 01 d	67/00
		75/28
210 – 217	A 01 d	67/00
218	A 01 d	73/00
219, 220	A 01 d	57/00
221 – 225	A 01 d	57/04
226, 227	A 01 d	57/02
228	A 01 d	75/22
229, 230	A 01 d	55/00
231	A 01 d	55/20
232	A 01 d	55/02
233, 234	A 01 d	55/00
235	A 01 d	55/18
236	A 01 d	55/02
237, 238	A 01 d	55/00
239 – 241	A 01 d	53/12
242, 243	A 01 d	53/10
244, 245	A 01 d	55/24
246 – 248	A 01 d	55/00
249	A 01 d	55/20
249.5	A 01 d	55/00
250	A 01 d	75/08
251, 252	A 01 d	55/00
253	A 01 d	53/02
		55/00
254	A 01 d	53/02
		53/08
		55/26
255	A 01 d	55/18

U.S. Class 56—Con.

U.S. Subclass	IPC Subclass	IPC Notation
256	A 01 d	53/14
		55/18
257–259	A 01 d	55/02
260–263	A 01 d	55/26
264	A 01 d	55/02
265	A 01 d	55/26
266–269	A 01 d	55/02
270	A 01 d	55/26
271, 272	A 01 d	55/02
273	A 01 d	55/28
274	A 01 d	55/30
275–287	A 01 d	55/02
288	A 01 d	55/32
289	A 01 d	55/00
290–292	A 01 d	55/24
293	A 01 d	55/00
294	A 01 d	55/20
295	A 01 d	55/18
296–304	A 01 d	55/02
305	A 01 d	55/06
306	A 01 d	55/02
307–313	A 01 d	55/10
314–320	A 01 d	63/00
		65/00
321	A 01 d	75/28
322	A 01 d	73/00
323	A 01 d	67/04
324	A 01 d	1/14
324.5	A 01 d	1/08
327	A 01 d	45/00
328	A 01 g	19/00
329	A 01 g	19/06
330, 331	A 01 g	19/00
332–340	A 01 g	19/08
341–343	A 01 d	39/00
		43/02
		75/00
344	A 01 d	43/02
		87/00
345–360	A 01 d	43/02
		87/04
361	A 01 d	43/02
		87/00
362, 363	A 01 d	43/02
		87/06
364	A 01 d	43/02
		89/00
365–369	A 01 d	81/00
370	A 01 d	79/00
371	A 01 d	43/04
372	A 01 d	79/02
373	A 01 d	79/00
374	A 01 d	79/06
375	A 01 d	77/00
376, 377	A 01 d	77/06
378–400	A 01 d	77/00
400.01–.03	A 01 d	7/00
400.04–.13	A 01 d	7/10
400.14–.19	A 01 d	7/00
400.2	A 01 d	7/06
400.21	A 01 d	7/00
401–431	A 01 d	75/06
432–473	A 01 d	39/00
		43/00
473.5	A 01 d	75/00
474–480	A 01 d	75/04
500–505	A 01 d	49/00

U.S. Class 57

Textiles, spinning, twisting and twining

(IPC D 01 h)

U.S. Subclass	IPC Subclass	IPC Notation
1	D 01 h	
2	D 01 h	1/12
2.3, 2.5	D 01 h	
3–19	D 02 g	3/36
20–22	D 01 h	
23	D 01 h	17/00
24	D 02 g	3/42
25–27	D 01 h	
28	D 02 g	3/14
29	D 02 g	1/00
30	D 02 g	3/14
31	D 02 g	3/06
32	D 02 g	3/08
33	D 02 g	3/22
34	D 01 h	13/26
34.5	D 01 h	
35	D 01 h	13/30
36–38.4	D 01 h	5/28
39–41	D 01 h	3/00
42–44	D 01 h	3/16
45, 46	D 01 h	3/12
47	D 01 h	3/14
48	D 01 h	3/26
49	D 01 h	3/04
50	D 01 g	15/00
51–51.6	D 01 h	5/00
52	D 01 h	9/00
53	D 01 h	9/10
54	D 01 h	9/14
55, 55.5	D 01 h	
56, 57	D 01 h	11/00
58–58.38	D 01 h	7/90
	D 07 b	3/04
58.49–58.86	D 01 h	1/10
		7/86
58.89	D 01 h	7/00
58.91	D 01 h	1/12
		7/00
58.93, 58.95	D 01 h	7/00
59–65	D 01 h	7/02
	D 07 b	3/02
66	D 01 h	1/00
	D 07 b	3/08
66.5	D 01 h	1/00
67–71	D 01 h	1/04
		7/24
72, 73	D 01 h	1/00
74	D 01 h	7/66
75	D 01 h	7/52
76, 77	D 01 h	1/08
		7/74
77.3–77.45	D 01 h	7/46
		7/92
78	D 01 h	13/14
79	D 01 h	13/24
80–82	D 01 h	13/16
83	D 01 h	13/18
84–88	D 01 h	13/18
89	D 01 h	13/14
90, 91	D 01 h	13/02
92–105	D 01 h	13/00
106–111.5	D 01 h	13/04
112	D 01 h	9/00
		13/00
113	D 01 h	7/44
		13/00
114	D 01 h	13/08
115, 116	D 01 h	7/24
117	D 01 h	7/24
		7/32
118	D 01 h	7/30
119	D 01 h	7/52
120	D 01 h	7/62
121	D 01 h	7/52
122–124	D 01 h	7/64
125, 126	D 01 h	7/60
127	D 01 h	7/68
127.5, 127.7	D 01 h	13/00
129	D 01 h	7/04
		13/00
130	D 01 h	7/04
131	D 01 h	7/18
132	D 01 h	7/14
133, 134	D 01 h	7/20
135	D 01 h	7/08
136	D 01 h	7/40
137	D 01 h	7/64
138	D 01 h	13/04
139	D 02 g	
140	D 02 g	3/02
141, 142	D 02 g	
143	D 02 g	3/42
144	D 02 g	3/36
145–148	D 07 b	1/06
149	D 02 g	3/36
150, 151	D 02 g	3/06
152, 153	D 02 g	3/36
154	D 02 g	3/06
		3/08
		3/36
155	D 02 g	3/06
		3/08
156	D 02 g	
157	D 02 g	3/02
158, 159	D 02 g	
160	D 02 g	3/36
161	D 07 b	1/06
162–164	D 02 g	3/36
165	D 02 g	3/06
		3/08
		3/36
166	D 07 b	1/06
167	D 02 g	3/06
		3/08
168	D 02 g	

U.S. Class 58

Horology

(IPC G 04 b)

U.S. Subclass	IPC Subclass	IPC Notation
1	G 04 f	1/00
		11/00
2	G 04 b	45/00
3	G 04 b	19/26
4–6	G 04 b	19/24
7	G 04 b	13/00
8, 9	G 04 b	21/00
		25/00
	G 04 c	21/04
10, 11	G 04 b	21/12
	G 04 c	21/36
12–14	G 04 b	21/08
	G 04 c	21/12
		21/28
15	G 04 b	21/00
		25/00
	G 04 c	21/04
16	G 04 b	23/00
		25/00
	G 04 c	21/16
16.5	G 04 b	23/06
	G 04 c	21/30
17	G 04 b	23/08
18	G 04 b	23/10
	G 04 c	21/36
19–21	G 04 c	21/16
21.1, 21.11	G 04 b	13/00
		25/00
	G 04 c	21/16
21.12	G 04 b	23/10
	G 04 c	21/38
21.13	G 04 f	3/02
21.14	G 04 f	3/04
21.15–22	G 04 b	13/00
		25/00
	G 04 c	21/16
22.5	G 04 b	23/02
		25/00
	G 04 c	21/16
22.7	G 04 b	13/00
		25/00
	G 04 c	21/16
22.9	G 04 f	3/02
		7/04
23	G 04 c	3/00
24	G 04 c	13/02
25	G 04 c	13/04
26	G 04 c	13/08
		15/00
27	G 04 c	13/10
28	G 04 c	3/04
29–31	G 04 c	3/02
32	G 04 c	11/00
33	G 04 c	13/06
		23/12
34–37	G 04 c	9/00
38, 39	G 04 c	21/00
39.5	G 04 f	3/06

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 58—Con.		
		9/00
40, 41	G 04 c	1/00
42	G 04 b	1/26
42.5 – 44	G 04 b	19/22
45	G 04 b	45/04
46	G 04 b	3/00
		5/00
		7/00
		9/00
		11/00
48	G 04 b	3/12
50	G 04 b	19/30
		19/34
52	G 04 b	29/00
53 – 55	G 04 b	37/00
56	G 04 b	37/14
57	G 04 b	45/00
	G 04 c	3/00
57.5	G 04 b	23/12
		25/04
	G 04 c	21/34
58	G 04 b	19/24
59	G 04 b	33/00
60 – 62	G 04 b	21/12
	G 04 c	21/04
63, 64	G 04 b	27/02
65	G 04 b	27/04
66, 67	G 04 b	27/02
68	G 04 b	27/04
69 – 72	G 04 b	27/02
73	G 04 b	3/00
		7/00
74 – 79	G 04 f	7/04
80, 81	G 04 b	3/00
		11/00
82	G 04 b	5/02
		7/00
83	G 04 b	1/20
		3/06
		3/10
		5/24
		9/02
84	G 04 b	3/04
85	G 04 b	9/00
85.5	G 04 b	27/00
		27/08
86	G 04 b	1/16
87	G 04 b	1/14
		1/18
88, 89	G 04 b	37/00
90	G 04 b	37/08
91	G 04 b	39/00
92, 93	G 04 b	37/00
94	G 04 b	37/04
95 – 99	G 04 b	37/06
100 – 103	G 04 b	37/00
104	G 04 b	29/02
105	G 04 b	43/00
106	A 63 h	33/30
106.5	G 04 b	43/00
107	G 04 b	17/00
108	G 04 b	17/20
109	G 04 b	17/14
110	G 04 b	17/20
	G 04 c	7/00
111 – 113	G 04 b	17/14
	G 04 c	7/00
114	G 04 b	17/06
115	G 04 b	17/32
116 – 118	G 04 b	15/00
119	G 04 b	15/04
120	G 04 b	15/00
121, 122	G 04 b	15/08
123, 124	G 04 b	15/00
125	G 04 b	19/02
126	G 04 b	19/00
127	G 04 b	19/06
128	G 04 b	19/16
129	G 04 b	17/02
130	G 04 f	11/02
131	G 04 b	17/10
132	G 04 b	17/12
133	G 04 b	17/20
134	G 04 b	17/16
135	G 04 b	17/32
136, 137	G 04 b	33/16
138, 139	G 04 b	13/02
140	G 04 b	13/02
		31/00
141 – 143	G 07 c	1/30
144	G 04 f	1/06
		1/08
145	G 04 b	5/20
146, 147	G 07 c	3/02
		5/02
148 – 151	G 04 b	47/00
	G 04 c	23/14
152	G 04 b	37/12
		47/00
	G 04 c	23/00
	G 07 c	1/00
153	G 04 c	21/32

U.S. Class 59

Chain, staple and horseshoe making

(IPC B 21 l)

1	B 21 l	
2	B 21 l	11/12
3	B 21 l	5/02
4	B 21 l	9/02
5, 6	B 21 l	9/00
7	B 21 l	9/06
8	B 21 l	9/00
9	B 21 l	13/00
10 – 12	B 21 l	5/00
13 – 15	B 21 l	11/02
16 – 26	B 21 l	7/00
27	B 21 l	1/02
		9/04
		11/02
28	B 21 l	1/04
29	B 21 l	15/00
30	B 21 l	3/04
31 – 34	B 21 l	3/02
		9/08
35	B 21 l	3/00
		5/00
		17/00
36 – 62	B 21 k	15/02
63 – 64	B 21 h	7/12
65	B 21 k	15/02
66 – 69	B 21 k	15/04
70	B 21 k	15/00
71 – 77	B 21 g	7/02
78 – 83	F 16 g	13/00
84 – 92	F 16 g	13/06
		13/08
93	F 16 g	15/00
95	F 16 g	13/10

U.S. Class 60

Power plants

(IPC F 02 g)

1	F 01	
	F 02	
2 – 5	F 01 k	7/34
		17/00
6	F 01 b	21/00
	F 01 k	23/00
	F 02 b	
	F 02 c	
7	F 03 g	1/00
8 – 10	F 03 g	3/00
10.5	F 15 b	5/00
		7/00
		9/00
		11/00
11 – 13	F 01 k	23/14
	F 02 b	41/10
14, 15	F 02 b	41/00
		71/00
		73/00
	F 02 c	5/00
16	F 01 b	29/06
17 – 19	F 02 b	41/00
		71/00
		73/00
	F 02 c	5/00
20, 21	F 01 b	21/00
	F 02 g	1/00
22	F 03 c	
23	F 01 k	
	F 03 g	7/06
24, 25	F 03 g	7/06
26	F 03 g	7/02
		7/04
	F 24 j	
26.1, 26.11	F 01 b	29/08
27	F 02	
28	F 02 b	
29	B 01 d	
	F 01 n	
	F 02 b	75/10
30	B 01 d	
	F 01 n	1/14
31	F 01 n	3/02
32	F 02 b	25/00
		33/00
33	F 02 g	
34	F 01 p	
35	F 01 k	
	F 02 b	13/10
		43/00
		47/00
36	F 01 k	25/00
37	F 01 k	25/08
38	F 01 k	25/06
39	F 01	
	F 02	
39.01, 39.02	F 02 c	
	F 02 g	3/00
39.03	F 02 c	9/00
	F 02 g	3/00
39.04	F 02 c	7/02
	F 02 g	3/00
39.05	F 02 g	3/00
39.06	F 02 c	7/26
	F 02 g	3/00
39.07	F 02 c	7/34
	F 02 g	3/00
39.08	F 02 c	7/06
	F 02 g	3/00
39.09	F 02 g	3/00
39.1	F 02 g	3/00
	F 16 p	7/00
39.11	F 02 g	3/00
	F 16 p	1/02
		3/02
39.12	F 02 b	43/00
	F 02 g	3/00
39.13	F 02 c	9/02
	F 02 g	3/00
39.14	F 02 c	7/26
	F 02 g	3/00
39.15	F 02 c	7/02
	F 02 g	1/00
		3/00
39.16	F 02 c	1/06
		3/10
		7/02
	F 02 g	1/00
		3/00
39.17	F 02 c	1/06
		3/18
		7/02
39.18	F 02 c	1/00
		3/10
		7/02
	F 02 g	1/00
		3/00
39.19	F 02 c	1/00
	F 02 g	1/00
		3/00
39.2 – 39.23	F 02 c	9/00
	F 02 g	3/00
39.24, 39.25	F 02 c	9/02
	F 02 g	3/00
39.26 – 39.28	F 02 c	9/04
	F 02 g	3/00
39.29, 39.3	F 02 c	9/02
	F 02 g	3/00
39.31, 39.32	F 02 c	7/20

U.S. Class 60—Con.

U.S. Subclass	IPC Subclass	IPC Notation
	F 02 g	3/00
39.33	F 02 g	1/00
		3/00
39.34	F 02 c	3/14
		5/02
39.35	F 02 c	3/14
39.36	F 02 c	3/06
		3/08
39.37	F 02 c	3/00
39.38	F 02 c	5/02
39.39	F 02 c	5/12
39.4	F 02 c	5/02
39.41	F 02 c	7/00
39.42	F 02 c	3/00
		5/00
39.43	F 02 c	3/04
39.44	F 02 c	3/00
		5/00
39.45	F 02 c	3/02
	F 02 g	1/00
		3/00
39.46	F 02 c	3/20
	F 02 g	1/00
		3/00
39.47	F 02 c	3/26
	F 02 g	1/00
		3/00
39.48	F 02 c	3/12
	F 02 g	1/00
		3/00
39.49, 39.5	F 02 c	7/08
	F 02 g	1/00
		3/00
39.51	F 02 c	7/10
	F 02 g	1/00
		3/00
39.52	F 02 c	7/08
	F 02 g	1/00
		3/00
39.53 – 39.59	F 02 c	7/00
	F 02 g	1/00
		3/00
39.6 – 39.62	F 02 c	5/00
	F 02 g	1/00
		3/00
39.63	F 02 c	3/00
	F 02 g	1/00
		3/00
39.64	F 02 c	5/00
	F 02 g	1/00
		3/00
39.65	F 02 c	1/00
	F 02 g	1/00
		3/00
39.66, 39.67	F 02 c	7/12
	F 02 g	1/00
		3/00
39.68	F 02 c	7/00
	F 02 g	1/00
		3/00
39.69 – 39.72	F 02 g	1/00
		3/00
39.73	F 02 c	7/04
	F 02 g	1/00
		3/00
39.74	F 02 g	1/00
		3/00
39.75	F 02 c	3/00
		5/00
39.76	F 02 c	5/00
	F 02 g	1/00
		3/00
39.77 – 39.8	F 02 g	1/00
		3/00
39.81	F 02 c	9/00
	F 02 g	1/00
		3/00
39.82	F 02 c	7/26
	F 02 g	1/00
		3/00
40	F 01 d	
	F 01 k	7/00
		21/00
		25/06
43	F 01 d	1/10
	F 01 k	7/16
		7/22
47	F 01 k	7/06
		9/02
48	F 01 k	7/04
		7/08
49	F 01 k	21/04
		23/00
		25/06
50	F 01 k	25/00
		27/00
	F 24 j	
51	F 03 b	
	F 03 c	
	F 15 b	
	F 15 c	
52	F 15 b	15/18
	F 16 h	41/00
53	F 16 d	31/06
		33/00
54	F 16 d	31/06
		33/00
	F 16 h	41/00
54.5	F 15 b	7/00
54.6	F 15 b	7/00
		7/08
55	F 16 h	41/04
56	F 01 k	7/22
57	F 01 b	
58	F 04 b	25/00
59	F 01 b	
	F 01 k	3/18
60	F 01 b	29/02
61	F 01 b	29/04
	F 04 b	37/00
62	F 15 b	1/00
		15/18
	F 16 d	33/00
	F 16 h	41/00
62.5	F 15 b	7/00
62.6	F 15 b	7/00
		7/08
63	F 01 k	1/04
		25/04
	F 17 c	
64	F 01 b	31/16
	F 01 k	17/00
65	F 01 k	17/00
		19/00
66	F 01 k	7/02
		17/00
67	F 01 k	7/16
		7/32
		7/34
	F 02 b	41/10
68	F 01 k	7/02
69	F 01 k	23/00
70	F 01 d	13/02
73	F 01 k	7/16
		7/32
		7/34
	F 02 b	41/10
88	F 01 k	7/34
89	F 01 k	17/00
90, 91	F 02 g	
	F 23 j	15/00
	F 23 l	17/16
92	F 01 k	3/14
		19/00
93	F 01 k	21/04
	F 01 n	1/14
94	F 01 n	3/04
95	F 01 k	19/10
	F 01 n	3/04
96	F 01 k	19/10
97	F 01 b	21/00
	F 01 k	23/00
	F 02 b	73/00
102	F 01 d	13/00
	F 01 k	23/16
104	F 01 d	15/00
	F 01 k	3/14
105	F 01 k	13/00
	F 22 b	33/00
	F 23 n	
106	F 23 n	1/08
107	F 22 d	5/00
108	F 01 d	
200	F 02 k	
201	F 02 k	
202	F 03 h	
	H 05 h	1/00
203	G 21 d	
	H 05 b	
204	B 63 h	11/00
	B 64 g	9/00
	F 03 h	
	F 23 r	1/00
205	C 06 d	5/00
	F 23 r	1/00
206	C 06 d	5/00
	F 23 r	1/06
207	C 06 d	5/00
	F 23 r	1/00
208 – 210	C 06 d	5/00
	F 23 r	1/02
211 – 216	C 06 d	5/00
	F 23 r	1/00
217	C 06 d	5/00
	F 23 r	1/02
		1/16
218	C 06 d	5/04
	F 23 r	1/00
219, 220	C 06 d	5/00
	F 23 r	1/14
221	B 63 h	11/00
222	B 63 h	25/46
223	F 02 k	
224	F 02 k	3/00
		7/00
225	F 02 k	9/06
226	F 02 k	3/02
227	B 63 h	11/12
	F 02 k	
228	F 02 k	1/20
229	F 02 k	1/00
230	F 02 k	1/20
231	F 02 k	1/14
		1/20
232	F 02 k	1/24
233	F 02 k	3/00
234	F 02 k	9/00
235 – 239	F 02 k	1/16
		1/18
240	F 02 k	3/00
241	F 02 k	3/10
242	F 02 k	1/18
243	F 02 k	3/00
244, 245	F 02 k	3/00
		7/00
		9/00
246	F 02 k	5/00
247	F 02 k	5/02
		7/00
248	F 02 k	5/02
249	F 02 k	7/02
250, 251	F 02 k	9/06
252	F 02 k	9/00
253 – 256	F 02 k	9/04
257 – 260	F 02 k	9/02
261	F 02 k	3/10
262	F 02 k	1/02
		3/02
263	F 02 k	3/10
		3/12
264	F 02 k	3/04
265	F 02 k	
266, 267	F 02 k	11/00
268, 269	F 02 k	3/00
270	F 02 k	7/08
		7/10
271	F 02 k	1/00

U.S. Class 61

Hydraulic and earth engineering

(IPC E 02 b)

.5	B 65 g	5/00
	E 21 f	17/16
1, 2	E 02 b	3/00
3 – 6	E 02 b	3/04

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 61—Con.		
7–9	E 02 b	5/00
10, 11	E 02 b	11/00
12, 13	E 02 b	13/00
14, 15	E 02 b	9/04
16	F 16 l	9/00
17	E 02 b	9/04
18	E 02 b	8/06
19, 20	E 02 b	9/00
21	E 02 b	8/08
22, 23	E 02 b	7/20
24–26	E 02 b	7/40
27–29	E 02 b	7/20
30–33	E 02 b	7/02
34	E 02 b	1/00
35	E 02 d	
36	E 02 d	3/12
37, 38	E 02 b	3/12
39	E 02 d	5/00
40	E 21 d	1/00
41	E 21 d	5/00
42–44	E 01 g	5/00
	E 21 d	9/00
45	E 21 d	11/00
46	E 02 d	
46.5	E 02 b	17/00
47	E 02 d	29/00
48, 49	E 02 b	3/20
50–52	E 02 d	5/00
53	E 02 d	5/22
53.5	E 02 d	5/34
		7/00
53.52–53.66	E 02 d	5/34
53.68	E 02 d	5/54
53.7–53.72	E 02 d	7/00
53.74	E 02 d	7/24
54	E 02 d	5/60
56	E 02 d	5/30
56.5	E 02 d	5/34
58	E 02 d	5/02
59	E 02 d	5/10
60–62	E 02 d	5/04
63	E 02 b	
64–66	B 63 c	1/00
67	B 63 c	3/00
68	B 63 c	7/00
69–71	B 63 c	11/00
72.1–72.7	B 63 b	35/04
	E 02 f	5/06
	F 16 l	1/00
81–83	E 02 d	23/00
84, 85	E 01 g	

U.S. Class 62

Refrigeration

(IPC F 25 b)

U.S. Subclass	IPC Subclass	IPC Notation
1	F 25 c	
2	F 25 b	27/00
3	F 25 b	21/02
4	F 25 d	5/00
5	F 25 b	9/02
6	F 25 b	9/00
7	F 25 b	19/00
8–10	F 25 j	1/00
11	F 25 j	3/00
12–14	F 25 j	5/00
15	F 25 j	3/08
16	F 25 j	3/06
17–21	F 25 j	3/00
22	F 25 j	3/04
23	F 25 j	3/06
24–34	F 25 j	3/02
35	B 29 c	3/00
36–39	F 25 j	3/00
40	F 25 j	1/02
41–44	F 25 j	3/00
45	F 17 c	
46	F 17 c	7/00
47	F 17 c	3/00
48	F 17 c	11/00
49	F 17 c	13/02
50–53	F 17 c	7/02
54	F 17 c	13/00
55	F 17 c	7/02
55.5	B 01 d	5/00
56	F 25 d	
57	F 25 d	17/00
58	B 01 d	9/04
59	F 25 d	3/00
60	B 65 b	63/08
61	B 60 h	3/04
62	F 25 d	25/00
63	F 25 d	13/06
64	F 25 d	17/02
65	F 25 d	13/04
66	F 25 c	1/00
67–70	F 25 c	1/18
71	F 25 c	5/02
72	F 25 c	5/06
73	F 25 c	5/08
74, 75	F 25 c	1/00
76	F 25 c	1/24
77	F 25 b	45/00
78	F 24 f	3/16
79	F 25 b	7/00
80	F 25 d	21/00
81	F 25 b	41/00
82	F 25 d	21/12
83	F 25 b	43/00
84	F 25 b	43/02
85	F 25 b	47/00
86–88	F 25 b	9/00
89–97	F 25 d	17/06
98.99	F 25 d	17/02
100	F 25 b	19/00
101–105	F 25 b	15/00
106	F 25 b	17/00
107, 108	F 25 b	15/00
109	F 25 b	15/16
110, 111	F 25 b	15/10
112	F 25 b	15/00
113	F 25 b	41/00
114	F 25 b	
115, 116	F 25 b	1/00
117	F 25 b	5/00
118	F 25 d	17/02
119	F 25 d	15/00
120	F 25 d	13/04
121	F 28 c	1/00
122	F 25 b	41/00
123, 124	B 01 d	9/04
	C 02 b	1/12
125–127	F 25 b	49/00
128	F 25 d	21/02
129, 130	G 01 k	13/00
131, 132	F 25 b	49/00
133, 134	B 60 h	3/04
135	F 25 c	1/00
136	F 25 c	7/00
137–139	F 25 c	1/00
140	F 25 d	21/02
141	F 25 b	15/00
142–147	F 25 b	17/00
148	F 25 b	15/00
149	F 25 b	45/00
150	F 25 d	21/00
151–156	F 25 d	21/06
157, 158	G 05 d	23/32
159	F 25 b	29/00
160	F 25 b	13/00
161–164	F 25 d	29/00
165–168	F 25 d	3/12
169	F 25 b	19/00
170	F 25 b	19/02
171	F 28 d	3/00
172	F 28 b	9/00
173	F 25 b	29/00
174	F 25 b	41/00
175	F 25 b	7/00
176	F 25 d	17/04
177–182	F 25 d	17/00
183, 184	F 25 b	39/04
185	F 25 d	17/02
186, 187	F 25 d	17/04
188	F 25 d	17/02
189	F 25 d	17/00
190	F 25 b	
191	F 25 b	1/06
192, 193	F 25 b	31/00
194	F 25 b	43/00
195	F 25 b	43/04
196–198	F 25 b	41/00
199, 200	F 25 b	5/00
201	F 25 d	17/02
202	G 05 d	23/30
203	F 25 b	41/00
204, 205	F 25 b	41/04
206–214	F 25 b	41/00
215	F 25 b	1/00
216–225	F 25 b	41/04
226–230	F 25 b	1/00
231	F 25 b	19/00
232	F 25 b	17/00
233	F 25 c	1/00
234	F 25 d	21/00
235	A 63 c	19/10
236	F 25 b	27/00
237	F 25 d	15/00
238	F 25 b	27/02
239	B 60 h	3/04
240	B 63 b	25/26
241–244	B 60 h	3/04
245	B 60 p	3/20
246–257	A 47 f	3/04
258–263	F 25 d	23/12
264	F 25 d	23/00
265, 266	F 25 d	23/02
267	F 25 d	29/00
268–270	F 25 b	19/00
271	F 25 d	23/00
272	F 25 d	21/00
273, 274	F 25 d	23/06
275, 276	F 25 d	21/06
277–280	F 25 b	47/00
281	F 25 d	21/14
282	F 25 d	21/10
283	F 25 b	5/00
284	F 25 d	21/06
285–291	F 25 d	21/14
292	F 25 b	45/00
293	F 25 d	3/00
294	F 25 d	3/10
295–299	F 25 d	19/00
300, 301	F 25 c	1/24
302	F 25 d	23/00
303	F 28 g	
304, 305	F 28 d	5/00
306	B 01 f	3/04
307, 308	F 25 c	1/18
309	F 25 d	17/04
310, 311	F 28 d	5/00
312, 313	F 25 d	3/02
314	F 28 d	5/00
315	F 28 c	1/00
316	F 28 d	5/00
317	F 25 d	17/04
318	F 25 d	3/02
319	F 25 d	17/02
320	F 25 c	5/02
321	F 25 c	5/00
322	F 25 b	25/00
323	F 25 b	27/00
324	F 25 b	13/00
325	F 25 b	29/00
326	F 25 b	27/00
327, 328	B 60 h	3/04
329	F 25 d	23/00
330	F 25 d	13/00
331	F 25 d	15/00
		23/12
332	F 25 b	25/00
333	F 25 d	17/00
334	F 25 d	11/02
335	F 25 b	7/00
336	F 25 d	25/00
337–339	F 25 d	23/12
340	F 25 c	
341	F 25 c	5/14
342	F 25 c	7/08
343	F 25 c	7/06
344	F 25 c	5/18
345, 346	F 25 c	7/12
347, 348	F 25 c	1/00
349	F 25 c	5/08
350	F 25 c	1/24
351	F 25 c	5/08

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 62—Con.		
352	F 25 c	5/10
354	F 25 c	1/14
356	F 25 c	1/04
371–372	F 25 d	3/08
373–376	F 25 d	17/02
377, 378	F 25 d	25/00
379	F 25 d	3/02
380	F 25 d	25/04
381, 382	F 25 d	25/02
383, 385	F 25 d	3/12
386	B 67 d	5/62
387, 388	F 25 d	3/12
389–400	B 67 d	5/62
401–403	F 25 d	9/00
404	F 25 d	17/04
405	F 25 d	17/08
406–410	F 25 d	17/04
411, 412	F 25 d	17/06
413	F 25 d	17/04
414	F 25 d	17/06
415–418	F 25 d	17/04
419	F 25 d	17/06
420–425	F 25 d	3/02
426–429	F 25 d	17/06
430	F 25 d	11/00
431, 432	F 25 d	11/02
433	F 25 d	11/04
434–436	F 25 d	17/02
437	F 25 d	11/00
438, 439	F 25 d	11/04
440	F 25 d	11/00
441	F 25 d	11/02
442	F 25 d	13/02
443–447	F 25 d	11/02
448	F 25 d	19/02
449, 450	F 25 d	19/00
451	F 25 d	23/06
452–456	F 25 d	19/00
457	F 25 d	3/08
458	F 25 d	13/00
459–464	F 25 d	3/02
465, 466	F 25 d	25/00
467	F 25 b	
468–473	F 25 b	43/02
474	F 25 b	43/00
475	F 25 b	43/04
476	F 25 b	15/00
477	F 25 b	17/00
478	F 25 b	17/02
479	F 25 b	17/06
480	F 25 b	17/08
481, 482	F 25 b	17/00
483	F 25 b	15/00
484	F 25 b	15/12
485–489	F 25 b	15/00
490–493	F 25 b	15/10
494	F 25 b	37/00
495–497	F 25 b	33/00
498	F 25 b	1/00
499	F 25 b	3/00
500	F 25 b	1/06
501, 502	F 25 b	1/00
503	F 25 b	43/00
504	F 25 b	39/02
505	F 25 b	31/00
506–509	F 25 b	39/04
510	F 25 b	1/10
511	F 25 b	41/06
512	F 25 b	43/00
513	F 25 b	41/00
514	F 25 b	19/00
515–526	F 25 b	39/02
527–528	F 25 b	41/06
529	F 25 d	3/10
530	F 25 d	3/08
531	F 25 b	

U.S. Class 63

Jewelry

(IPC A 44 c)

1	A 44 c	13/00
		15/00
		25/00
2	A 44 c	25/00
3	A 44 c	5/00
4	A 44 c	5/02
5, 6	A 44 c	5/04
7–11	A 44 c	5/00
12–14	A 44 c	7/00
15–15.4	A 44 c	9/00
		19/00
15.45–15.65	A 44 c	9/02
15.7, 15.8	A 44 c	9/00
		19/00
18–19	A 44 c	15/00
20	A 44 c	1/00
		3/00
21, 22	A 44 c	11/00
		15/00
		25/00
23	A 44 c	25/00
24, 25	A 44 c	19/00
26–31	A 44 c	17/02
32	A 44 c	17/00

U.S. Class 64

Machine elements shafting and flexible shaft couplings

(IPC F 16 d)

1	F 16 c	1/00
		3/00
2	F 16 c	1/02
3, 4	F 16 c	1/06
		1/26
5	F 16 c	35/08
6	F 16 d	3/00
7, 8	F 16 d	3/02
		3/16
		3/50
9	F 16 d	3/18
		3/54
10	F 16 d	3/48
11	F 16 d	3/17
		3/28
		3/52
12	F 16 d	3/58
		3/62
13	F 16 d	3/78
14	F 16 d	3/64
15	F 16 d	3/52
		3/56
		3/66
16	F 16 d	3/22
		3/34
		3/44
		3/46
17	F 16 d	3/26
18	F 16 d	3/42
19	F 16 d	3/54
		3/70
20	F 16 d	3/08
		3/44
		3/60
21	F 16 d	3/30
22, 22.5	F 16 d	3/00
23–23.7	F 16 d	3/06
24	F 16 d	3/10
25	F 16 d	5/00
26	F 16 d	3/80
27	F 16 d	3/14
28, 29	F 16 d	3/56
		7/00
30	F 16 d	7/02
31	F 16 d	3/04
32	F 16 d	3/84

U.S. Class 65

Glass manufacturing

(IPC C 03 b)

1	C 03 b	37/00
2	C 03 b	37/00
3	C 03 c	25/02
4	C 03 c	23/20
		27/00
		33/08
5–7	C 03 b	37/06
		37/08
8	C 03 b	19/04
		37/04
9	C 03 b	23/20
		29/00
		33/08
		37/00
	C 03 c	27/00
10	C 03 b	37/00
11	C 03 b	37/00
	C 03 c	25/00
		27/00
12	C 03 b	25/00
		27/00
	C 03 c	25/00
13	C 03 b	23/04
		37/02
14	C 03 b	19/04
		37/04
		37/06
15	C 03 b	19/04
		37/04
16	C 03 b	37/06
17	B 28 b	
	C 03 b	
	C 04 b	5/00
		23/00
		31/00
18	C 03 b	23/20
		37/02
	C 03 c	27/00
		29/00
	C 04 b	31/06
19–20	C 03 b	5/18
		19/08
	C 04 b	5/00
21	C 03 b	19/10
		37/00
22	C 03 b	19/08
23	C 03 c	19/00
		23/00
		27/00
24–26	C 03 b	39/00
27	C 03 b	
	C 03 c	
28	C 03 b	23/00
		29/00
	C 03 c	15/00
		19/00
		27/00
29	C 03 b	
	C 03 c	
30–31	C 03 c	15/00
		17/00
		21/00
		23/00
		25/00
32	C 03 b	
	C 03 c	
33	C 03 b	29/00
	C 03 c	3/22
		23/00
34	C 03 b	5/16
		29/00
35	C 03 b	35/00
36	C 03 b	23/20
		33/08
	C 03 c	27/00
		29/00
37–39	C 03 b	11/08
		23/22
40	C 03 b	23/20
		25/00
		27/00
		29/00
	C 03 c	27/00
		29/00
41	C 03 b	25/00
		27/00
42	C 03 b	23/20
	C 03 c	27/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 65—Con.		
		29/00
43	C 03 c	27/00
		29/00
44	C 03 b	23/00
		31/00
	C 03 c	27/00
		29/00
45–53	C 03 b	9/00
		9/02
		9/04
		9/06
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		17/02
		17/04
		18/00
		18/02
		19/00
		23/08
		23/20
	C 03 c	27/00
		29/00
54–55	C 03 b	23/00
56	C 03 b	33/00
57	C 03 b	29/00
58	C 03 b	23/24
59	C 03 c	29/00
60	C 03 c	17/00
		25/02
61	C 03 c	19/00
62	C 03 b	
	C 03 c	
63	C 03 b	21/00
		21/02
		21/04
		21/06
		23/00
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		25/02
		25/04
		27/00
		29/00
		31/00
		33/00
64	C 03 b	23/00
		31/00
		33/00
65	C 03 b	29/00
66	C 03 b	9/00
		9/02
		9/04
		9/06
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		18/00
		18/02
		19/00
67	C 03 b	9/10
68–69	C 03 b	9/14
		9/16
		9/18
		9/20
		9/22
		9/24
		9/26
		9/28
		9/30
70	C 03 b	9/46
71	C 03 b	7/00
		9/18
		9/22
		11/02
		19/00
72–76	C 03 b	7/00
		9/14
		9/16
		9/18
		9/20
		9/22
		9/24
		9/28
		11/04
77–81	C 03 b	9/14
		9/16
		9/18
		9/20
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		9/24
		9/26
		9/30
82	C 03 b	23/04
		23/06
		23/08
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		23/14
		23/16
		23/18
83–85	C 03 b	9/00
		9/02
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U.S. Class 65—Con.

U.S. Subclass	IPC Subclass	IPC Notation
		17/00
		17/02
		17/04
		18/00
		18/02
		19/00
86–88	C 03 b	15/14
		15/16
		15/18
89	C 03 b	17/00
90–96	C 03 b	13/00
		15/00
		17/00
		19/00
97	C 03 b	13/00
		13/02
		13/04
		13/06
		13/08
		13/10
		13/12
		13/14
		13/16
		13/18
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		15/14
		15/16
		15/18
		17/00
		21/02
		21/04
98	C 03 b	13/10
		15/10
99	C 03 b	13/00
		19/00
100–101	C 03 b	13/00
102–110	C 03 b	21/00
		21/02
		21/04
		21/06
		23/00
		23/02
		23/04
		23/06
		23/08
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		23/22
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		23/26
		25/00
		25/02
		25/04
		27/00
		29/00
		29/02
		29/04
		31/00
		33/00
	C 03 c	15/00
		19/00
111	C 03 b	21/00
		25/00
		25/02
		25/04
		27/00
		29/00
		29/02
		29/04
		31/00
		33/00
	C 03 c	15/00
		15/02
		17/00
		17/02
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		17/32
		19/00
		21/00
		23/00
112–113	C 03 b	21/00
		23/26
		33/00
114–116	C 03 b	27/00
117–120	C 03 b	25/00
121	C 03 b	5/26
		5/28
		5/30
122	C 03 b	5/32
123	C 03 b	5/38
124	C 03 b	5/40
125	C 03 b	5/36
126–132	C 03 b	5/26
		5/28
		17/00
133	C 03 b	5/38
134–137	C 03 b	5/16
		5/18
		5/20
		5/22
		5/24
138–140	C 03 b	23/14
141	C 03 b	5/22
142–143	C 03 b	13/14
		19/10
	C 03 c	27/00
		29/00
144	C 03 b	19/06
145	C 03 b	5/32
146–151	C 03 b	13/10
		13/12
		15/10
		15/16
		17/02
	C 03 c	27/00
		29/00
152	C 03 b	9/42
		23/20
		33/08
	C 03 c	27/00
		29/00
153	C 03 b	23/16
154	C 03 c	27/02
		29/00
155	C 03 b	23/14
	C 03 c	27/02
		29/00
156	C 03 b	23/20
157	C 03 b	
	C 03 c	
158	C 03 b	
	C 03 c	
	G 01 d	
	G 08 b	
159	F 06 p	
	G 03 b	
	G 03 c	
160–164	C 03 b	
	C 03 c	
	G 12 b	1/00
165	B 08 b	15/00
		17/00
	C 03 b	
	C 03 c	
166	C 03 b	21/04
		23/26
		33/10
167	C 03 b	
	C 03 c	
168	B 08 b	
	C 03 b	
	C 03 c	
169	C 03 b	39/00
170	C 03 b	
	C 03 c	
	F 16 n	1/00
		17/00
171–173	C 03 b	
	C 03 c	
	F 16 b	
174–177	C 03 b	9/46
		21/02
		33/00
178–180	C 03 b	5/18
181	C 03 b	
	C 03 c	
182	C 03 b	18/00
183	C 03 b	17/00
184–186	C 03 b	5/32
		9/12
		13/00
		17/00
		18/00
187–192	C 03 b	15/14
		15/16
		15/18
		17/04
193–206	C 03 b	15/02
207–226	C 03 b	5/30
		7/00
		9/16
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		9/44
		9/46
		11/00
227–242	C 03 b	9/00
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U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 65—Con.		
		13/16
		13/18
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		18/00
		18/02
		19/00
243	C 03 b	9/00
		9/02
		9/04
		9/06
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		25/02
		25/04
		27/00
		29/00
		29/02
		29/04
		31/00
		33/00
244	C 03 b	23/00
		29/00
245	C 03 b	13/00
246–251	C 03 b	11/00
252	C 03 b	29/00
253–254	C 03 b	13/00
255	C 03 b	13/06
		13/08
256–257	C 03 b	13/00
258–259	C 03 b	19/02
260	C 03 b	9/04
		9/44
261–267	C 03 b	9/14
		9/16
		9/18
		9/20
		9/22
		9/24
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		9/28
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		9/36
		9/38
		9/40
268	C 03 b	23/00
269–274	C 03 b	23/00
		29/00
275–283	C 03 b	23/04
		23/06
		23/08
		23/10
		23/12
		23/14
		23/16
		23/18
284	C 03 b	29/00
285	C 03 b	23/00
286	C 03 b	23/00
287–291	C 03 b	23/02
292–299	C 03 b	23/04
		23/10
		23/12
		23/14
		23/16
		23/18
	C 03 c	23/06
		23/08
300–301	C 03 b	9/00
302	C 03 b	19/04
303–304	C 03 b	5/30
		7/00
305–311	C 03 b	11/00
312	C 03 b	11/02
313–318	C 03 b	11/00
319	C 03 b	11/12
320–322	C 03 b	11/00
323	C 03 b	9/40
		11/16
324	C 03 b	5/26
		5/28
		5/30
		5/32
		5/34
		7/00
		17/00
325–331	C 03 b	5/26
		5/28
		5/30
		5/32
		7/00
332	C 03 b	5/38
333	C 03 b	5/26
		17/00
334	C 03 b	5/38
335	C 03 b	3/00
336	C 03 b	5/00
337–338	C 03 b	5/22
		5/24
		5/36
		5/40
339–345	C 03 b	5/20
		5/36
		5/40
346	C 03 b	5/16
347	C 03 b	5/22
348–351	C 03 b	27/00
352–354	C 03 b	5/30
		15/00
355–356	C 03 b	9/38
		11/12
		13/00
		13/02
		13/04
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		29/00
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		29/04
		31/00
		33/00
		33/02

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 65—Con.		
		33/04
		33/06
		33/08
		33/10
		35/00
357–361	C 03 b	9/00
		11/00
362	C 03 b	11/06
374	C 03 b	
375	C 03 b	
	C 03 c	

U.S. Class 66

Textiles, knitting

(IPC D 04 b)

1	D 04 b	35/00
		37/00
1.5	D 04 b	17/00
2	D 04 b	17/02
3	D 04 b	5/00
		29/00
4	D 04 b	3/00
5–7	D 04 b	29/00
8	D 04 b	9/00
9	D 04 b	9/12
		9/14
		9/16
		9/44
10	D 04 b	9/16
11–13	D 04 b	9/12
		9/14
		9/16
		9/44
14	D 04 b	9/10
15	D 04 b	9/00
16–18	D 04 b	9/00
19,20	D 04 b	9/06
21–23	D 04 b	9/24
		9/54
24	D 04 b	9/22
25	D 04 b	9/06
		9/38
26	D 04 b	9/06
		9/38
		15/12
27,28	D 04 b	9/06
29	D 04 b	9/22
30	D 04 b	9/20
31	D 04 b	9/00
32,33	D 04 b	9/20
34,35	D 04 b	9/00
36	D 04 b	9/00
37	D 04 b	9/20
38	D 04 b	9/00
39	D 04 b	9/20
40	D 04 b	9/00
41	D 04 b	9/24
		9/54
42	D 04 b	9/00
43	D 04 b	9/20
		9/36
44	D 04 b	9/38
45	D 04 b	9/58
46–48	D 04 b	9/20
49	D 04 b	9/18
50	D 04 b	9/00
		15/74
		15/76
		15/78
51–53	D 04 b	9/20
54,55	D 04 b	9/00
		9/46
56	D 04 b	9/00
57	D 04 b	9/00
		15/32
58,59	D 04 b	9/40
60	D 04 b	7/00
61	D 04 b	7/12
		7/14
		7/18
62	D 04 b	7/00
63	D 04 b	7/06
64	D 04 b	7/04
65	D 04 b	7/34
66	D 04 b	7/04
67	D 04 b	7/10
68	D 04 b	7/00
69	D 04 b	7/00
		7/20
70	D 04 b	7/10
71,72	D 04 b	7/00
73	D 04 b	7/10
74	D 04 b	7/00
75	D 04 b	7/00
		15/66
76	D 04 b	7/10
77	D 04 b	7/00
78	D 04 b	7/00
		15/36
		35/00
79,80	D 04 b	13/00
81	D 04 b	25/02
		25/04
82	D 04 b	11/00
		21/00
83	D 04 b	11/00
84	D 04 b	23/06
		23/08
		23/10
		23/12
85	D 04 b	23/06
		23/08
		23/10
		23/12
		31/00
86	D 04 b	23/00
		27/00
87	D 04 b	23/02
88	D 04 b	11/04
89	D 04 b	11/06
90,91	D 04 b	35/00
92	D 04 b	9/06
		9/12
93	D 04 b	35/00
94	D 04 b	15/00
		35/00
95	D 04 b	15/02
96	D 04 b	15/04
97	D 04 b	13/00
98–103	D 04 b	15/28
104–110	D 04 b	15/06
		15/24
		27/04
111,112	D 04 b	15/08
113–115	D 04 b	15/00
		35/00
116,117	D 04 b	35/02
118	D 04 b	3/02
		35/02
119	D 04 b	35/08
120–122	D 04 b	35/04
		35/06
123,124	D 04 b	35/02
125	D 04 b	3/06
		15/48
		27/10
		35/00
126–130	D 04 b	15/52
		15/56
		15/64
131	D 04 b	15/48
		15/50
		20/32
132	D 04 b	15/48
		15/50
133	D 04 b	15/58
		23/22
134	D 04 b	15/60
135	D 04 b	9/32
		15/60
136,137	D 04 b	9/34
138–144	D 04 b	15/54
		23/22
		27/02
145	D 04 b	35/00
146	D 04 b	15/44
		27/12
		27/14
147	D 04 b	35/00
148	D 04 b	9/40
149–153	D 04 b	15/88
		27/34
		35/00
154–156	D 04 b	15/66
157	D 04 b	35/10
158–164	D 04 b	35/12
		35/14
		35/16
165	D 04 b	35/10
		35/18
166	D 04 b	35/20
167	D 04 b	35/10
		35/20
168	D 04 b	35/32
169	D 04 b	1/00
		21/00
170	D 04 b	
171	A 41	
	D 04 b	
172	D 04 b	9/46
173	D 04 b	9/54
174	D 04 b	7/34
		9/58
175	A 41 b	9/08
176	A 41 b	9/06
177	A 41 b	9/02
		9/04
		9/10
178	A 41 b	
	D 04 b	11/00
179–180	A 41 b	
179,180	D 04 b	9/46
181,182	D 04 b	9/46
183–188	A 41 b	11/02
	D 04 b	9/46
189	A 41	
	D 04 b	7/00
		7/10
190,191	D 04 b	7/12
		7/14
		9/14
		13/00
192,193	D 04 b	23/08
		23/10
194	D 04 b	7/12
		9/12
		11/08
		23/08
195	D 04 b	21/00
196,197	D 04 b	7/04
		11/04
198	D 04 b	13/00
		15/02
199	D 04 b	9/22
200	D 04 b	9/06
201	D 04 b	9/34
202	D 04 b	7/16
		11/12
		21/12
		21/14
		21/16
		21/18
		23/06

U.S. Class 68

Textiles, fluid treating apparatus

(IPC D 06 f)

1	D 06 f	37/00
		43/08
	D 06 l	1/00
2	D 06 c	7/04
	D 06 f	37/00
	D 06 l	1/00
3–8	D 06 f	37/00
9–11	D 06 f	31/00
12	D 06 f	33/00
13–26	D 06 f	29/00
		35/00
27	D 06 f	31/00
28–62	D 06 f	
63–93	D 06 f	9/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 68—Con.		
94–130	0 06 f	15/00
131–138	0 06 f	
139–146	0 06 f	21/00
		23/00
		25/00
147–183	0 06 f	
184–193	0 06 f	17/02
194–199	0 06 f	17/00
200–206	0 06 f	35/00
207–212	0 06 f	37/00
		39/00
213, 214	0 06 f	3/00
215–219	0 06 f	5/02
220	0 06 f	3/00
222	0 06 c	1/00
	0 06 f	75/00
223–231	0 06 f	3/02
232	0 06 f	1/02
233	0 06 f	1/04
235–241	0 06 f	29/00
		39/00
		51/00
242	0 06 f	47/00
243	0 06 f	51/02
244–263	0 06 f	45/00
264–269	0 06 f	45/16
270, 271	0 06 f	45/26
272–275	0 06 f	45/24
276	0 06 f	45/14
U.S. Class 69		
Leather manufacturers		
(IPC C 1 4 b)		
1	C 14 b	
1.5	C 14 b	1/26
		9/00
3, 4	B 68 b	3/00
6	C 14 b	5/00
6.5	C 14 b	1/44
7	C 14 b	1/54
7.3	C 14 b	1/38
7.5, 7.7	C 14 b	11/00
8	C 14 b	1/00
9–16	C 14 b	1/14
17	C 14 b	11/00
19–19.2	C 14 b	1/26
		15/06
		17/00
19.3	C 14 b	1/26
		15/06
		17/00
20	C 14 b	19/00
21	C 14 b	
21.5, 22	C 14 b	1/00
23–27	C 14 b	15/00
28–32	C 14 c	1/00
		11/00
		13/00
		15/00
33–35	C 14 b	1/40
36	C 14 b	1/18
37	C 14 b	1/14
38	C 14 b	17/14
39	C 14 b	1/14
40	C 14 b	1/14
		17/00
41	C 14 b	1/08
		17/00
42, 43	C 14 b	1/06
		1/10
		17/00
44	C 14 b	17/00
45, 46	C 14 b	1/02
47	C 14 b	17/00
48	C 14 b	1/30

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 70		
Locks		
(IPC E 05 b)		
1	E 05 b	15/00
		63/00
1.5, 1.7	E 05 b	63/00
2–13	E 05 b	65/48
14, 15	E 05 b	73/00
16, 17	E 05 b	75/00
18, 19	E 05 b	73/00
20	E 05 b	67/00
21–30	E 05 b	37/06
		37/10
		37/14
		37/18
		37/22
31	E 05 b	67/00
32–34	E 05 b	67/36
35	E 05 b	67/00
36, 37	E 05 b	67/32
38, 39	E 05 b	67/22
40	E 05 b	67/28
41	E 05 b	67/08
42	E 05 b	67/18
43	E 05 b	67/10
44	E 05 b	67/14
45	E 05 b	67/18
46	E 05 b	67/10
47	E 05 b	67/14
48	E 05 b	67/28
49	E 05 b	67/06
50	E 05 b	67/38
51	E 05 b	67/00
52	E 05 b	67/02
53	E 05 b	67/06
54–56	E 05 b	67/38
57	E 05 b	65/00
58	E 05 b	69/00
		73/00
59	E 05 b	69/00
		73/02
60	E 05 b	69/00
61, 62	E 05 b	73/00
63	B 65 d	55/14
	E 05 b	65/48
		65/52
64	A 45 c	13/10
	E 05 b	65/52
65	B 65 d	33/34
	E 05 b	65/52
66	A 45 c	13/10
	E 05 b	65/52
67, 68	E 05 b	67/38
69–71	A 45 c	13/10
	E 05 b	65/52
72–75	A 45 c	13/10
	E 05 b	65/48
76	A 45 c	13/10
	E 05 b	65/52
77	E 05 b	65/00
78–84	E 05 b	65/44
85–88	E 05 b	65/46
89	E 05 b	65/00
90	E 05 b	65/08
91	E 05 b	65/00
92	E 05 b	65/10
93, 94	E 05 b	65/00
95–100	E 05 b	65/08
101	E 05 b	65/06
102–106	E 05 b	63/00
		65/06
107–111	E 05 b	59/00
		63/14
113–123	E 05 b	63/14
124–130	E 05 b	65/06
131	E 05 b	63/12
		65/28
132–135	E 05 b	65/06
136	E 05 b	63/00
137–139	E 05 b	65/06
140	E 05 b	63/00
141	E 05 b	55/00
142	E 05 b	63/12
	F 05 b	65/28

U.S. Subclass	IPC Subclass	IPC Notation
143–145	E 05 b	55/00
146–148	E 05 b	55/04
149	E 05 b	55/06
150, 151	E 05 b	55/00
152	E 05 b	55/14
153	E 05 b	55/00
154, 155	E 05 b	63/02
156	E 05 b	63/00
157	E 05 b	63/20
158–173	B 65 d	55/14
174	F 16 c	3/00
	G 05 g	5/00
175–180	F 16 k	35/00
175, 180	G 05 g	5/00
175–180	G 05 g	
181	F 16 c	3/00
	G 05 g	5/00
182–189	B 60 r	25/02
	F 16 c	3/00
	G 05 g	5/00
190–206	F 16 h	57/00
	G 05 g	5/00
207–224	B 60 r	25/02
	B 62 h	5/04
	F 16 c	3/00
	G 05 g	5/00
225, 226	B 60 r	25/00
225–226	B 62 h	5/14
227	B 60 r	25/00
	B 62 h	5/16
228	B 60 r	25/08
	B 62 h	5/18
229–232	F 16 b	41/00
233–235	B 62 h	5/00
	E 05 b	71/00
236	B 62 h	5/08
	E 05 b	71/00
237, 238	B 60 r	25/00
	E 05 b	65/12
239	B 60 r	25/04
	E 05 b	65/12
240	B 60 r	25/00
	E 05 b	65/12
241	B 60 r	25/04
	E 05 b	65/12
242–244	B 60 r	25/04
	E 05 b	65/12
	F 16 k	35/00
245–247	B 60 r	25/06
	E 05 b	65/12
248	B 60 r	25/04
		25/06
	E 05 b	65/12
249	B 60 r	25/06
	E 05 b	65/12
250, 251	B 60 r	25/04
		25/06
	E 05 b	65/12
252	B 60 r	25/02
		25/04
	E 05 b	65/12
253	B 60 r	25/00
	E 05 b	65/12
254, 255	B 60 r	25/04
	E 05 b	65/12
256	B 60 r	25/00
	E 05 b	65/12
257	B 60 r	25/04
	E 05 b	65/12
258–260	E 05 b	65/12
261	A 47 c	31/00
	E 05 b	65/44
262–265	E 05 b	53/00
		63/14
		65/36
266	E 05 b	15/00
267–274	E 05 b	43/00
275	E 05 b	51/00
276	E 05 b	47/00
277	E 05 b	47/00
278	E 05 b	49/00
279–282	E 05 b	47/00
283	E 05 b	47/06
284, 285	E 05 b	37/00
286	E 05 b	37/00
287, 288	E 05 b	37/16
289, 290	E 05 b	37/20

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 70—Con.		
291	E 05 b	37/00
292, 293	E 05 b	37/12
294	E 05 b	37/00
295, 296	E 05 b	37/00
297 – 300	E 05 b	37/16
301	E 05 b	37/00
302, 303	E 05 b	37/08
304 – 310	E 05 b	37/02
311	E 05 b	37/04
312	E 05 b	37/02
313 – 319	E 05 b	37/00
320	E 05 b	15/00
321, 322	E 05 b	15/12
323 – 328	E 05 b	15/14
329	E 05 b	15/00
330, 331	E 05 b	17/00
332	E 05 b	1/00
333, 334	E 05 b	15/16
		63/00
336	E 05 b	35/00
337, 338	E 05 b	35/08
339	E 05 b	35/12
340 – 343	E 05 b	35/10
344	E 05 b	35/00
345	E 05 b	35/04
346	E 05 b	15/06
347 – 349	E 05 b	21/00
		23/00
350	E 05 b	21/00
351	E 05 b	23/00
352 – 355	E 05 b	21/00
		23/00
		25/00
356	E 05 b	29/14
		31/00
357	E 05 b	27/00
		29/00
		31/00
		33/00
358	E 05 b	27/06
		29/14
		31/00
359	E 05 b	27/04
360 – 369	E 05 b	27/00
		29/00
		33/00
370	E 05 b	9/08
371	E 05 b	9/04
372	E 05 b	15/00
373 – 375	E 05 b	9/04
376 – 378	E 05 b	15/14
379, 380	E 05 b	9/10
		17/04
381	E 05 b	15/02
382 – 386	E 05 b	25/00
387	E 05 b	35/04
		63/22
388	E 05 b	17/00
389	E 05 b	11/00
390	E 05 b	11/06
391	E 05 b	15/00
392	E 05 b	15/04
393	E 05 b	19/00
394	E 05 b	19/20
395	E 05 b	19/00
396, 397	E 05 b	19/02
398, 399	E 05 b	19/08
		19/12
400, 401	E 05 b	19/14
402 – 404	E 05 b	19/02
405	E 05 b	19/04
		19/16
406	E 05 b	19/04
		19/16
407	E 05 b	19/02
408	E 05 b	19/04
409	E 05 b	19/06
410	E 05 b	19/06
		19/26
411	E 05 b	19/18
412	E 05 b	19/06
		35/06
413	E 05 b	19/26
		47/00
414	E 05 b	19/00
416	E 05 b	13/00
		15/00
		17/00
		63/00
417	E 05 b	15/16
		17/00
		63/00
418, 419	E 05 b	15/00
		17/00
		63/00
420	E 05 b	15/06
		17/00
		63/00
421	E 05 b	15/14
		17/00
		63/00
422	E 05 b	15/16
		63/00
423 – 428	E 05 b	17/14
429, 430	E 05 b	11/00
		15/16
431	E 05 b	17/00
432	E 05 b	41/00
433 – 435	E 05 b	39/04
	G 07 c	1/32
436, 437	E 05 b	39/04
438	E 05 b	17/00
439	E 05 b	39/00
440	E 05 b	39/02
441	E 05 b	17/00
442	E 05 b	15/00
443	E 05 b	9/00
444	E 05 b	15/00
445	E 05 b	1/00
		3/00
446	E 05 b	17/00
447	E 05 b	15/00
448	E 05 b	9/00
449	E 05 b	9/04
450, 451	E 05 b	9/08
452	A 47 b	95/04
	E 05 b	15/02
453, 454	E 05 b	15/08
455	E 05 b	17/18
456 – 459	A 44 b	15/00
	A 45 c	11/32
	A 47 g	29/10
460	E 05 b	19/24
461	E 05 b	63/00
		63/06
462	E 05 b	63/04
463	E 05 b	17/00
464	E 05 b	15/00
		17/08
465	E 05 b	63/00
466	E 05 b	17/00
		17/06

U.S. Class 71

Chemistry, fertilizers

(IPC C 05 f)

U.S. Subclass	IPC Subclass	IPC Notation
1	A 01 g	
	A 01 n	
	C 05	
3, 4	A 01 n	
	C 05	
5	C 05	
6 – 10	C 05 f	11/08
11	C 05 f	
12, 13	C 05 f	3/00
14	C 05 f	9/00
15	C 05 f	1/00
		3/00
16 – 18	C 05 f	1/00
19, 20	C 05 b	17/00
	C 05 f	1/00
21	C 05 f	3/00
22	C 05 f	
23	C 05 f	11/00
24	C 05 f	11/02
25	C 05 f	7/00
		11/00
26	C 05 f	5/00
27	C 05 c	
	C 05 f	
28	C 05 c	9/00
29	C 05 b	15/00
	C 05 c	9/00
30	C 05 c	9/00
31	C 05	
32, 33	C 05 b	
34 – 36	C 05 b	7/00
37	C 05 b	11/04
38	C 05 b	11/14
39	C 05 b	11/06
		11/12
40	C 05 b	1/00
		11/08
41	C 05 b	1/00
		11/10
42	C 05 b	11/16
43	C 05 b	11/00
44 – 47	C 05 b	13/00
48	C 05 b	
49	C 05 b	17/00
50	C 05 b	11/06
		17/00
	C 05 c	1/00
51	C 05 b	7/00
52, 53	C 05 b	17/00
54	C 05 c	
55 – 57	C 05 c	7/00
58, 59	C 05 c	
60	C 05 c	1/00
		3/00
		5/00
		11/00
	C 05 d	
61 – 63	C 05 d	
64	C 05	
65	A 01 h	3/04
	A 01 n	5/00
		19/00
		23/00
	C 09 k	3/00
66, 67	A 01 n	9/00
		11/00
		23/00
68	A 01 n	3/02
69	A 01 n	5/00
		11/00
	C 09 k	3/00
70	A 01 n	9/00
		13/00
71, 73	A 01 n	9/12
71	A 01 n	9/36
74	A 01 n	9/22
75	A 01 n	9/28
76	A 01 n	
77	A 01 n	21/02
78	A 01 n	
79	A 01 n	9/00
80 – 84	A 01 n	13/00
85	A 01 n	9/00
86, 87	A 01 n	9/36
88	A 01 n	9/00
89 – 91	A 01 n	9/12
92 – 96	A 01 n	9/22
97	A 01 n	9/00
98 – 102	A 01 n	9/12
103	A 01 n	9/14
104	A 01 n	9/18
105	A 01 n	9/20
106 – 109	A 01 n	9/24
110	A 01 n	9/26
111	A 01 n	9/20
112 – 117	A 01 n	9/24
118 – 121	A 01 n	9/20
122 – 124	A 01 n	9/24
125	A 01 n	9/20
126	A 01 n	9/30
127	A 01 n	9/40
128	A 01 n	11/00

U.S. Class 72

Metal deforming

(IPC B 21)

U.S. Subclass	IPC Subclass	Notation
1	B 21 d	55/00
2–5	B 21 d	55/00
6	B 21 b	37/00
7	B 21 b	37/14
	B 30 b	15/26
8, 9	B 21 b	37/12
10–12	B 21 b	37/00
13	B 21 b	37/10
14, 15	B 21 b	37/00
16	B 21 b	37/02
17, 18	B 21 b	37/04
19–21	B 21 b	37/08
22–27	B 21 j	7/26
28, 29	B 21 b	37/06
30	B 30 b	15/00
31–34	B 21 c	51/00
35, 36	B 21 b	31/34
37	B 21 c	51/00
38	B 21 b	9/00
39	B 21 b	45/04
	B 21 c	43/00
40	B 21 b	45/02
	B 21 c	43/00
41–45	B 21 b	45/02
46	B 21 b	45/00
	B 21 c	23/24
47	B 21 b	45/00
	B 21 c	23/24
48	B 21 d	19/12
49, 50	B 21 c	37/12
51, 52	B 21 d	39/02
		51/28
53	B 21 j	
54	B 21 d	22/10
		26/00
		28/18
	B 21 j	5/04
55	B 21 d	22/00
		26/00
		28/18
56	B 21 d	26/02
	B 21 j	5/04
57, 58	B 21 d	39/08
59	B 21 d	15/06
60–63	B 21 d	22/10
		28/18
64, 65	B 21 b	15/02
	B 21 d	11/14
66	B 21 d	11/00
67	B 21 b	1/00
		3/00
		11/00
68	B 21 b	15/00
		23/00
69	B 21 b	27/06
70–76	B 21 b	
77	B 21 b	13/20
78	B 21 d	3/00
79	B 21 d	3/06
80	B 21 b	5/00
81	B 21 d	22/00
82, 83	B 21 d	22/14
		29/02
84, 85	B 21 d	22/00
86, 87	B 21 d	19/12
88	B 21 d	17/04
	B 21 h	3/06
89	B 21 h	1/14
		3/06
90	B 21 b	17/04
	B 21 h	3/06
91–94	B 21 b	
95	B 21 b	19/00
96	B 21 b	19/08
97	B 21 b	19/04
98	B 21 b	19/12
99	B 21 b	19/02
	B 21 d	3/04
100	B 21 d	19/00
101	B 21 b	1/10
102	B 21 b	27/00
	B 21 d	15/00
103, 104	B 21 h	3/04
105, 106	B 21 d	15/04
107–111	B 21 d	15/00
112	B 21 d	1/02
		3/02
113	B 21 d	1/08
114	B 21 j	15/12
115–123	B 21 d	3/02
124	B 21 b	19/14
125, 126	B 21 b	3/06
127	B 21 b	3/00
128	B 21 k	29/00
129–132	B 21 f	11/00
133	B 21 b	39/02
134	B 21 c	47/00
135	B 21 f	3/02
136	B 21 d	11/08
137	B 21 f	35/02
138, 139	B 21 f	3/10
140	B 21 f	3/02
141	B 21 f	3/06
142–145	B 21 f	3/04
146–148	B 21 c	47/00
149	B 21 d	7/04
		9/05
150	B 21 d	9/05
151–159	B 21 d	7/04
160	B 21 d	1/02
		3/02
161	B 21 b	15/00
	B 21 c	19/00
162	B 21 d	3/04
163–165	B 21 d	1/02
		3/02
166	B 21 d	5/14
		9/10
167	B 21 d	11/08
168	B 21 b	15/00
169–175	B 21 d	5/14
		9/10
176	B 21 d	5/08
177	B 21 b	15/00
178	B 21 d	5/08
179	B 21 d	5/14
180	B 21 d	5/16
181	B 21 d	5/08
182	B 21 d	5/14
183	B 21 d	3/12
184	B 21 b	1/00
		3/00
	B 21 h	11/00
185, 186	B 21 d	13/00
187, 188	B 21 b	1/04
		1/12
		1/18
		1/24
189–195	B 21 b	21/00
196	B 21 d	13/04
197, 198	B 21 b	
199	B 21 b	
200	B 21 b	27/06
201, 202	B 21 b	27/06
203, 204	B 21 b	1/00
205	B 21 b	39/08
206	B 21 b	15/00
207	B 21 b	
208, 209	B 21 b	17/10
210, 211	B 21 d	
212, 213	B 21 d	9/08
214–220	B 21 d	7/02
221	B 21 b	1/00
222, 223	B 21 b	39/14
224, 225	B 21 b	13/10
226	B 21 b	39/00
227	B 21 b	41/00
228	B 21 b	41/04
229	B 21 b	41/06
230	B 21 b	41/10
231	B 21 b	41/02
232	B 21 b	13/04
233	B 21 b	13/16
234	B 21 b	13/08
235	B 21 b	13/12
236	B 21 b	27/04
		27/06
237	B 21 b	31/00
238, 239	B 21 b	31/08
240	B 21 b	31/20
241, 242	B 21 b	13/14
		29/00
243	B 21 b	31/16
244	B 21 b	31/30
245	B 21 b	31/32
246	B 21 b	31/16
247	B 21 b	31/18
248	B 21 b	31/24
249	B 21 b	35/00
250–252	B 21 b	39/20
253–256	B 21 c	23/00
257	B 21 c	35/00
258	B 21 c	23/22
259	B 21 c	23/00
260	B 21 c	25/08
261	B 21 c	23/02
262, 263	B 21 c	23/00
264	B 21 c	23/04
265	B 21 c	23/20
266	B 21 c	25/06
267	B 21 c	23/18
268	B 21 c	25/02
269	B 21 c	25/04
270	B 21 c	33/00
271	B 21 c	31/00
272	B 21 c	27/00
273	B 21 c	25/00
274, 275	B 21 c	1/00
276	B 21 c	3/06
277	B 21 c	1/00
278, 279	B 21 c	1/04
280	B 21 c	1/10
281, 282	B 21 c	1/04
283	B 21 c	1/24
284	B 21 c	1/26
285	B 21 c	3/12
286	B 21 c	9/00
287	B 21 c	1/28
288	B 21 c	1/12
289	B 21 c	1/02
290	B 21 c	1/14
291	B 21 c	1/30
292	B 21 d	31/00
293	B 21 d	1/00
294	B 21 d	43/28
295–298	B 21 d	11/02
299	B 21 d	11/14
300–303	B 21 d	11/02
304–307	B 21 d	11/04
308–310	B 21 d	5/04
311–315	B 21 d	11/04
316, 317	B 21 d	41/02
318–323	B 21 d	11/04
324	B 21 d	43/28
	B 21 k	27/06
325–331	B 21 d	31/02
332–341	B 21 d	28/00
342	B 21 d	37/16
343	B 21 d	22/00
344–346	B 21 d	45/00
347–351	B 21 d	22/00
352–361	B 21 d	22/00
362–364	B 21 d	31/00
365, 366	B 21 b	1/00
367	B 21 d	3/00
368	B 21 c	37/06
369	B 21 d	9/00
370	B 21 b	17/02
371	B 21 d	11/14
		31/00
372–377	B 21 d	31/00
378	B 21 d	1/04
		31/00
379	B 21 c	37/02
380–383	B 21 d	5/02
384	B 21 d	17/02
385	B 21 d	13/02
386	B 21 d	9/14
387–391	B 21 d	9/05
		31/00
392, 393	B 21 d	41/02
394–403	B 21 d	41/00
	B 21 j	7/16
404, 405	B 21 j	11/00
406	B 21 j	7/20

U.S. Class 72 — Con.

U.S. Subclass	IPC Subclass	IPC Notation
407	B 21 d	7/06
408	B 21 d	37/00
409	B 21 d	9/08
		37/12
410	B 21 d	9/08
411	B 21 d	31/00
412	B 21 d	37/00
413	B 21 d	37/02
414, 415	B 21 d	17/02
416	B 21 d	37/10
417	B 21 d	43/02
418	B 21 d	7/06
419	B 21 d	43/00
420	B 21 j	13/10
421	B 21 d	43/02
422	B 21 d	43/10
423	B 21 c	1/14
424	B 21 d	43/20
425	B 21 d	43/00
426, 427	B 21 d	45/00
428	B 21 d	43/16
429	B 21 j	
430	B 21 j	15/24
431	B 21 j	7/12
432 – 434	B 21 j	7/12
435 – 437	B 21 j	7/36
438	B 21 j	7/46
439	B 21 j	7/42
440	B 21 j	7/44
441 – 444	B 21 j	7/46
445	B 21 j	7/20
446 – 448	B 21 j	13/00
449 – 454	B 21 j	9/18
455	B 21 d	37/12
	B 21 j	13/04
456	B 21 d	37/10
	B 21 j	13/04
457 – 460	B 21 j	13/08
461	B 21 d	11/22
462	B 21 j	13/00
463	B 21 d	37/18
464	B 21 c	3/02
465, 466	B 21 b	25/00
467	B 21 c	3/00
468	B 21 c	3/06
469	B 21 d	17/00
470 – 475	B 21 d	37/14
476	B 21 c	3/16
477	B 21 d	31/00
478 – 480	B 21 j	13/02
481	B 21 d	37/04
482	B 21 d	37/00
483	B 21 c	3/06

U.S. Class 73

Measuring and testing

(IPC G 01 m)

U.S. Subclass	IPC Subclass	IPC Notation
1	G 01 c	17/38
		25/00
	G 01 k	15/00
		19/00
	G 01 l	25/00
		27/00
	G 01 w	1/18
2	G 01 c	17/38
		25/00
	G 01 k	15/00
		19/00
	G 01 l	25/00
		27/00
	G 01 w	1/18
3	G 01 f	25/00
4	G 01 l	27/00
5	G 03 b	43/00
6	G 04 b	17/00
7	G 01 n	3/56
		19/02
8	G 01 n	19/02
9, 10	G 01 n	3/56
		19/02
11	G 01 m	17/04
12 – 14	G 01 n	3/08
15	G 01 n	25/00
15.4 – 17	G 01 n	25/02
19	G 01 n	7/00
23	G 01 n	31/00
23.1	G 01 n	31/08
24 – 30	G 01 n	31/00
32	G 01 n	9/00
35	G 01 l	23/22
	G 01 n	25/20
		33/22
36	G 01 m	3/20
	G 01 n	21/16
		21/38
37	G 01 m	3/02
37.5	G 01 b	13/08
37.6	G 01 b	13/04
37.7	G 01 b	13/04
37.8 – 37.9	G 01 m	3/02
38	G 01 m	3/00
39	G 01 m	3/02
40	G 01 m	3/04
40.5	G 01 m	3/08
40.7 – 45.8	G 01 m	3/04
46 – 49	G 01 m	3/08
49.1	G 01 m	3/08
49.2	G 01 m	3/04
49.3	G 01 m	3/34
49.4 – 49.6	G 01 m	3/04
49.7	G 01	
li0623/22		
49.8	G 01 m	3/04
52	G 01 m	3/00
53	G 01 n	11/00
54	G 01 n	11/02
55	G 01 n	11/04
56	G 01 n	11/06
57	G 01 n	11/10
58 – 61.3	G 01 n	11/00
61.4	G 01 n	15/04
63 – 64.4	G 01 n	11/00
65	G 01 m	1/12
66	G 01 m	1/00
67	G 01 m	7/00
	G 01 n	29/00
67.1 – 67.4	G 01 m	7/00
	G 01 n	29/00
67.5 – 67.9	G 01 n	9/24
69	G 01 n	29/00
70 – 71.4	G 01 d	
	G 01 n	9/18
71.5 – 71.7	G 01 n	29/00
73 – 76	G 01 n	5/02
		25/56
77	G 01 n	25/62
78	G 01 n	3/00
79	G 01 n	3/52
80	A 61 b	9/00
81	G 01 n	3/48
82	G 01 n	3/42
83	G 01 n	3/32
		3/44
84 – 85	G 01 n	3/00
86	G 01 n	17/00
87	G 01 n	17/00
88	G 01 b	5/30
		7/16
	G 01 n	3/00
88.5	G 01 b	7/16
	G 01 n	3/00
89	G 01 b	5/30
		7/16
90 – 92	G 01 n	3/00
93	G 01 n	3/28
94	G 01 n	3/08
95	G 01 n	3/08
		3/28
95.5 – 98	G 01 n	3/28
99	G 01 n	3/22
100	G 01 n	3/20
101	G 01 n	3/24
102	G 01 n	3/26
103	G 01 n	3/00
104	G 01 n	19/02
105	G 01 b	5/28
112 – 115	G 01 l	3/26
	G 01 m	15/00
116 – 117.4	G 01 l	3/26
		5/13
	G 01 m	15/00
117	G 01 m	15/00
118	G 01 m	13/02
		19/00
119 – 120	G 01 m	15/00
121 – 132	G 01 l	5/28
133	G 01 l	3/00
134	G 01 l	3/18
135	G 01 l	3/16
136	G 01 l	3/02
137	G 01 l	3/06
138	G 01 l	3/06
139	B 25 b	23/14
	G 01 l	5/24
140 – 145	G 01 l	5/12
146	B 60 c	19/10
	E 01 c	23/00
	G 01 m	17/02
146.2 – 145.8	B 60 c	23/02
147	G 01 m	9/00
148	G 01 m	10/00
149	G 01 f	17/00
150	G 01 b	19/08
151	E 21 b	47/00
151.5	E 21 b	45/00
152	E 21 b	49/00
153	E 21 b	49/02
154	E 21 b	49/00
155	E 21 b	47/00
156	G 01 b	5/16
	G 07 c	
157	G 01 b	5/16
158 – 160	G 01 l	5/04
161	G 01 l	1/04
	G 01 n	3/26
162	G 01 m	13/02
163	G 07 f	3/02
164	F 21 l	23/00
	G 01 d	3/00
	G 01 m	19/00
167	G 01 l	5/14
168	G 01 m	19/00
169	G 01 n	7/20
		7/22
170	G 01 w	1/00
171	G 01 w	1/14
172	A 61 c	5/14
	G 01 m	19/00
178 – 187	G 01 c	21/00
188	G 01 w	1/00
189	G 01 w	1/02
190 – 193	G 01 k	17/00
194 – 227	G 01 f	1/00
228	G 01 f	1/06
229 – 231	G 01 f	1/00
232 – 233	G 01 f	3/02
234	G 01 f	3/30
235	G 01 f	3/02
236	G 01 f	3/32
237	G 01 f	3/34
238	G 01 f	3/02
239 – 240	G 01 f	3/14
241	G 01 f	3/14
242 – 252	G 01 f	3/04
253	G 01 f	3/08
254 – 261	G 01 f	3/08
262 – 271	G 01 f	3/20
272 – 281	G 01 f	1/00
290 – 295	G 01 f	23/00
296	G 01 f	23/20
297 – 304	G 01 f	23/00
305	G 01 f	23/06
306 – 307	G 01 f	3/06
308.000	G 01 f	23/10
309 – 322.5	G 01 f	23/06
323 – 334	G 01 f	23/02
335 – 337.5	G 01 n	25/56
339	G 01 k	1/00
		3/00
343	G 01 k	1/08
		3/00
		7/00
343.5	G 01 k	1/02
		5/70
344	G 01 k	1/08
345 – 353	G 01 k	1/08
354	G 01 k	13/12

U.S. Class 73—Con.

U.S. Subclass	IPC Subclass	IPC Notation
355	G 01 k	11/00
		13/00
356	G 01 k	11/12
		11/20
357	G 01 k	5/06
358	G 01 k	11/00
359–362	G 01 k	5/18
359–262	G 01 k	5/52
362.1	G 01 k	3/00
362.2, 362.3	G 01 k	3/00
362.4	G 01 k	1/20
362.5	G 01 k	1/20
362.6	G 01 k	1/20
362.7	G 01 k	1/20
362.8	G 01 k	3/00
363	G 01 k	5/48
363.1	G 01 k	5/62
363.3	G 01 k	5/62
363.5	G 01 k	5/62
363.7	G 01 k	5/64
363.9	G 01 k	5/64
368	G 01 k	5/02
368.1	G 01 k	5/30
368.2	G 01 k	5/28
368.3	G 01 k	5/32
368.4	G 01 k	5/02
368.6	G 01 k	5/36
368.7	G 01 k	5/42
371	G 01 k	1/04
372	G 01 k	1/06
373	G 01 k	5/06
374–378	G 01 k	1/14
378.3	G 01 k	3/00
379	G 01 l	5/02
380	G 01 l	5/06
381	G 01 l	5/06
382, 383	G 01 m	1/12
384, 385	G 01 l	7/20
386, 387	G 01 l	7/12
388	G 01 l	7/00
389	G 01 l	19/06
391	G 01 l	19/08
392	G 01 l	7/00
393	G 01 l	19/04
394–397	G 01 l	7/00
398	G 01 l	9/00
399	G 01 l	21/12
400	G 01 l	21/04
401	G 01 l	7/18
402	G 01 l	7/20
403	G 01 l	7/22
404	G 01 l	7/22
405	G 01 l	7/24
406	G 01 l	7/08
407–409	G 01 l	7/08
410	G 01 l	7/06
411–418	G 01 l	7/04
419	G 01 l	7/16
420	G 01 l	7/00
421	G 01 n	1/00
421.5	G 01 n	1/22
422–424	G 01 n	1/00
425	G 01 n	1/00
425.2	G 01 n	1/00
425.4	G 01 n	1/10
425.6	G 01 n	1/14
426–429	G 01 f	19/00
430	G 01 d	11/10
431	G 01 p	1/02
432	G 01 f	15/14
	G 01 j	5/04
	G 01 k	1/08
	G 01 l	19/14
	G 01 p	1/02
433	G 01 n	9/02
434	G 01 n	9/06
435–436	G 01 n	9/00
437	G 01 n	9/10
438	G 01 n	9/12
439	G 01 n	9/28
440–454	G 01 n	9/00
455–459	G 01 m	1/00
460–467	G 01 m	1/16
468–470	G 01 m	1/16
471–487	G 01 m	1/168
488	G 01 p	15/00
489	G 01 p	15/00
490	G 01 p	17/00
491	G 01 p	15/00
492	G 01 p	15/04
493	G 01 p	1/02
494	G 01 p	1/02
495	G 01 p	15/00
496	G 01 p	17/00
497	G 01 p	3/00
498	G 01 l	9/00
499	G 01 p	3/00
500, 501	G 01 p	3/20
502	G 01 p	3/00
503	G 01 p	7/00
504	G 01 p	9/00
505	G 01 p	15/00
506	G 01 p	7/00
507	G 01 p	15/00
508	G 01 p	3/00
509	G 01 p	3/00
510–513	G 01 p	3/04
514–516	G 01 p	15/00
517	G 01 p	15/08
518	G 01 p	3/22
519	G 01 p	3/22
520	G 01 p	3/22
521–525	G 01 p	3/26
526–529	G 01 p	3/00
530–534	G 01 p	3/18
535	G 01 p	3/16
		15/02
536–551	G 01 p	15/02

U.S. Class 74

Machine elements and mechanisms

(IPC F 16 h)

U.S. Subclass	IPC Subclass	IPC Notation
1	F 16 h	37/00
1.5	F 16 h	27/00
	G 04 b	15/00
2	F 16 h	5/40
3	F 16 h	5/42
3.2	F 16 h	5/46
		33/14
3.5	F 16 h	5/74
3.52	F 16 h	3/74
3.54	F 16 h	5/74
3.56	F 16 h	5/74
4	F 16 h	5/40
5	G 01 c	19/02
5.1	G 01 c	19/24
5.12	G 01 c	19/24
5.14	G 01 c	19/24
5.2	G 01 c	19/04
5.22	G 01 c	19/02
5.34	G 01 c	19/02
5.37	G 01 c	19/06
5.4	G 01 c	19/54
5.41	G 01 c	19/30
		19/46
5.42	G 01 c	19/30
		19/46
5.43	G 01 c	19/30
		19/52
5.44, 5.45	G 01 c	19/30
		19/46
5.46	G 01 c	19/30
5.47	G 01 c	19/30
5.5	G 01 c	19/04
5.6	G 01 c	19/28
5.7	G 01 c	19/06
5.8	G 01 c	19/44
5.9	G 01 c	19/34
6–9	F 02 n	
10–10.9	F 16 h	35/18
11	F 16 h	37/00
12–15	F 16 h	37/00
15.2	F 16 h	37/00
15.4	F 16 h	37/00
15.6	F 16 h	37/00
15.63	F 16 h	37/00
15.66	F 16 h	37/00
15.69	F 16 h	37/00
15.8	F 16 h	37/00
15.82	F 16 h	37/00
15.84	F 16 h	37/00
15.86	F 16 h	37/00
15.88	F 16 h	37/00
		37/16
16	F 16 m	
17	F 16 h	37/00
17.5	F 16 h	57/06
17.8–18.2	F 16 j	15/50
20	F 16 h	21/00
		37/16
21	F 16 h	21/02
		27/00
		37/16
22	F 16 h	21/00
		25/08
		37/16
23	F 16 h	21/00
		25/08
		37/16
24	F 16 h	27/04
		37/16
25	F 16 h	21/16
		21/40
		21/50
		21/52
26	B 07 b	1/42
	F 16 h	21/16
		21/40
		21/50
		21/52
		33/20
27	F 16 h	21/02
		21/16
		21/40
		21/50
		21/52
28	F 16 h	21/02
		21/16
		21/40
		21/50
		21/52
29–35	F 16 h	19/04
		19/08
36	F 16 h	21/38
		27/00
		35/00
37	F 16 h	19/06
		37/00
38	F 16 h	21/26
39–41	F 16 h	21/32
41		
42, 43	F 16 h	21/18
44	F 16 h	21/22
45–50	F 16 h	21/18
49		
51	F 16 h	21/34
52	F 16 h	37/12
53–55	F 16 h	25/08
		25/16
56, 57	F 16 h	25/12
		25/16
58, 59	F 16 h	25/12
		25/18
60, 61	F 16 h	33/00
62	F 16 h	25/08
		25/16
63	F 16 h	21/12
		21/48
		25/08
64	F 16 h	33/02
		33/08
65–69	F 16 h	21/14
		21/48
70	F 16 h	21/40
		21/52
		27/04
		29/12
71–73	F 16 h	21/40
		21/52
		27/04
		29/20
74	F 16 h	21/40
		21/52
		27/08
		29/20
75	F 16 h	21/40

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 74—Con.		
		21/52
		27/04
		29/12
76–81	F 16 h	21/40
		21/52
		27/02
		29/20
82	F 16 c	1/02
	F 16 h	27/04
		29/12
83	F 16 h	27/04
		29/12
		33/08
84	F 16 h	27/04
86, 87	F 16 h	33/10
		37/00
88, 89	F 16 h	27/02
		29/02
89.1	F 16 h	27/02
		29/02
		29/20
89.11	F 16 h	27/02
		29/02
		29/20
89.12	F 16 h	27/02
		29/02
		29/20
89.13	F 16 h	27/02
		29/02
89.14	F 16 h	27/02
		29/02
		29/20
89.15	F 16 h	27/02
		29/02
		29/20
89.16	F 16 h	27/02
		29/02
89.17–21	F 16 h	27/02
		29/02
		29/20
89.22	F 16 h	27/02
		29/02
96–107	F 16 h	21/44
		21/54
		25/18
108	F 16 c	1/10
	F 16 h	21/44
		21/54
		25/18
109, 110	F 16 h	21/44
		21/54
		25/18
111, 112	F 16 h	27/00
		29/00
113	F 16 h	31/00
		33/04
		35/02
		43/00
114	E 16 h	31/00
		33/04
		35/02
		43/04
116	F 16 h	29/00
117	F 16 h	29/04
118	F 16 h	29/00
119	F 16 h	29/08
120, 121	F 16 h	29/20
122	F 16 h	29/00
123, 124	F 16 h	29/10
125	F 16 h	29/00
125.5	F 16 d	27/10
		29/00
126–136	F 16 h	27/02
		31/00
137–141	F 16 h	27/02
		31/00
141.5	F 16 h	27/02
		31/00
142, 143	F 16 h	27/02
		31/00
144	F 16 d	7/00
		11/00
		41/00
	F 16 h	27/00
		29/00
145–147	F 16 h	51/00
	G 05 g	
148	F 16 d	7/00
		11/00
		41/00
	F 16 h	27/10
149, 150	F 16 d	41/12
	F 16 h	27/00
		29/00
150	F 16 d	41/12
	F 16 h	27/00
		29/00
151–155	F 16 d	41/12
	F 16 h	27/00
		29/00
		31/00
156	F 16 h	51/00
	G 05 g	
157–159	F 16 h	27/00
		29/00
		31/00
		51/00
	G 05 g	
160, 161	F 16 h	27/00
		29/00
		31/00
		53/00
162–166	F 16 d	41/20
	F 16 h	27/00
		29/00
		31/00
		55/32
167–169	F 16 h	29/20
		55/26
190	F 16 h	15/00
190.5	F 16 h	15/00
191	F 16 h	15/16
192	F 16 h	15/16
		15/42
193	F 16 h	15/16
194–197	F 16 h	15/08
198	F 16 h	15/26
199–201	F 16 h	15/08
202–205	F 16 h	15/00
206	F 16 h	13/02
207	F 16 h	13/10
208, 209	F 16 h	13/00
210	F 16 h	13/12
211–213	F 16 h	13/10
214–216	F 16 h	55/34
216.3	F 16 h	3/00
		11/00
216.5	F 16 h	7/00
		9/00
		11/00
217, 218	F 16 h	9/00
		11/00
219	F 16 h	7/00
220	F 16 h	9/00
		11/00
221–229	F 16 h	7/00
230	F 16 h	57/04
230.01	F 16 h	55/36
230.05	F 16 h	55/36
230.1	F 16 h	55/42
230.11	F 16 h	55/46
230.12	F 16 h	55/46
230.13	F 16 h	55/46
230.14	F 16 h	55/46
230.15	F 16 h	55/16
230.16	F 16 h	55/52
230.17	F 16 h	55/52
230.18	F 16 h	55/54
230.19	F 16 h	55/54
230.2	F 16 h	55/54
230.21	F 16 h	55/54
230.22	F 16 h	55/54
230.23	F 16 h	55/54
230.24	F 16 h	55/36
230.3	F 16 h	55/36
230.4	F 16 h	7/22
		55/40
230.5	F 16 h	55/36
230.6	F 16 h	55/36
230.7	F 16 h	55/48
230.8	F 16 h	55/44
230.9	F 16 h	55/36
231	F 16 g	1/00
		5/00
232	F 16 g	1/26
233	F 16 g	5/16
234	F 16 g	5/00
235	F 16 g	12/40
236	F 16 g	51/80
237	F 16 g	1/22
		5/10
238	F 16 g	9/00
239	F 16 g	1/18
240, 241	F 16 h	7/18
242	F 16 h	7/22
242.05	F 16 h	7/22
242.1	F 16 h	7/12
242.11	F 16 h	7/12
242.12	F 16 h	7/10
242.13	F 16 h	7/10
242.14	F 16 h	7/10
242.15	F 16 h	7/10
242.16	F 16 h	7/10
242.2–242.9	F 16 h	7/08
243–244	F 16 h	55/30
245–258	F 16 g	13/02
318–324	F 16 h	19/00
325–331	F 16 h	3/08
332	F 16 h	3/04
333, 334	F 16 h	3/08
335	F 16 h	5/06
336	F 16 h	5/42
		5/60
336.5	F 16 h	5/46
337	F 16 h	5/52
337.5	F 16 h	5/06
339, 340	F 16 h	3/38
341–351	F 16 h	3/22
352–354	F 16 h	3/34
355	F 16 h	3/14
356–360	F 16 h	3/08
361	F 16 h	3/14
362–375	F 16 h	3/08
376–379	F 16 h	3/14
380–391	F 16 h	35/00
392–394	F 16 h	35/02
395	F 16 h	35/06
		35/08
396–399	F 16 h	35/06
400–403	F 16 h	35/08
404	F 16 h	57/00
404.5	F 16 h	57/00
405, 406	F 16 h	57/00
409	F 16 h	55/18
410, 411	F 16 h	57/00
411.5	F 16 h	57/10
412	F 16 h	1/02
413–415	F 16 h	1/06
		1/20
416	F 16 h	1/12
		1/20
417	F 16 h	1/14
		1/20
420	F 16 h	1/14
		1/20
421	F 16 h	1/12
		1/20
422	F 16 h	1/04
423, 424	F 16 h	1/14
		1/20
424.5–424.8	F 16 h	1/18
		1/20
425	F 16 h	1/16
		1/20
426, 427	F 16 h	1/16
		1/20
431–433	F 16 h	55/00
434–438	F 16 h	55/04
439	F 16 h	55/12
440, 441	F 16 h	55/18
443	F 16 h	55/14
444–451	F 16 h	55/12
457	F 16 h	55/08
		55/10
458	F 16 h	55/04
		55/22
459.5	F 16 h	55/04
460	F 16 h	55/04
461	F 16 h	55/14
462–466	F 16 h	55/06

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 74—Con.		
		55/08
		55/10
467,468	F 16 h	57/04
469,470	G 05 g	1/00
471	G 05 g	9/00
		13/00
473–475	G 05 g	9/00
		13/00
476	F 16 h	57/06
	G 05 g	9/00
		13/00
477	G 05 g	5/10
		9/00
		13/00
478	G 05 g	9/00
		13/00
478.5	G 05 g	9/00
		13/00
479–490	G 05 g	11/00
491	G 05 g	1/00
492	B 62 d	1/16
493	B 62 d	1/18
494	B 62 d	1/22
495	B 62 d	1/16
496–499	B 62 d	1/20
500–501	F 16 c	1/10
501.5	F 16 c	1/10
502	F 16 c	1/10
503	G 05 g	1/00
504–511	G 05 g	1/08
512–514	G 05 g	1/14
515	G 05 g	1/20
516–522	G 05 g	1/04
522.5	G 05 g	1/04
523–526	G 05 g	1/04
527–542	G 05 g	5/06
543	G 05 g	1/10
544–551	G 05 g	1/00
551.1	B 62 k	21/12
551.2	B 62 k	21/14
551.3	B 62 k	21/16
551.4	B 62 k	21/16
551.5	B 62 k	21/16
551.6	B 62 k	21/16
551.7	B 62 k	21/16
551.8	B 62 k	21/12
551.9	B 62 k	21/26
552	B 62 d	1/04
	G 05 g	1/10
553–556	G 05 g	1/10
557,558	B 62 d	1/06
	G 05 g	1/10
558.5	G 05 g	1/04
		1/10
559	G 05 g	1/10j
		11/04
560,561	G 05 g	1/14
562	G 05 g	1/16
562.5	G 05 g	1/16
563	G 05 g	1/16
564	G 05 g	1/18
565,566	G 05 g	1/00
567,568	F 16 h	53/00
569	F 16 h	53/06
570–572	G 05 g	1/00
		3/00
573	F 16 f	15/22
574	F 16 f	15/10
575–578	G 05 g	1/00
		3/00
579	G 05 g	1/00
580–594	G 05 g	1/00
		3/00
594.1–594.7	G 05 g	1/14
595–605	G 05 g	1/00
		3/00
606,607	F 16 h	57/02
608–617	F 16 p	1/00
	G 05 g	25/00
625,626	F 16 h	
640	F 16 h	33/00
		35/00
		37/00
645	F 16 h	47/00
650	F 16 h	35/04
655	F 16 h	47/00
660	F 16 h	1/28
661	F 16 h	37/06
664,665	F 16 h	37/06
670	O 16 h	37/06
	F 16 h	37/06
674	O 16 h	37/06
	F 16 h	37/06
675	O 16 h	37/06
	F 16 h	37/06
677	F 16 h	47/04
		47/08
679	F 16 h	37/00
681,682	F 16 h	37/06
686	F 16 h	37/06
687	F 16 h	47/04
688	F 16 h	47/08
689	F 16 h	37/00
690,691	F 16 h	37/06
694,695	F 16 h	37/08
700,701	F 16 h	37/08
705	F 16 h	37/06
710	F 16 h	1/38
710.5	F 16 h	1/44
711	F 16 h	1/44
713	F 16 h	1/40
714	F 16 h	1/42
715	F 16 h	1/38
718	F 16 h	47/00
720	F 16 h	47/00
720.5	F 16 h	37/06
721	F 16 h	37/06
722	F 16 h	37/00
724	F 16 h	37/06
730–733	F 16 h	47/00
740	F 16 h	37/00
745	F 16 h	3/02
750	F 16 h	3/44
751	F 16 h	3/74
752	F 16 h	3/74
753	F 16 h	3/44
		57/10
754	F 16 h	3/44
		57/10
755	F 16 h	15/56
		57/10
756–770	F 16 h	57/10
772	F 16 h	15/56
		57/10
773–794	F 16 h	3/44
		57/10
796	F 16 h	15/50
797	F 16 h	1/28
798	F 16 h	13/06
799	F 16 h	1/30
800–804	F 16 h	1/28
805	F 16 h	1/28
810	F 16 h	5/52
812	F 16 h	5/52
813–827	B 23 b	29/24
	B 23 q	17/00
828–839	F 16 h	35/08
840	F 16 h	35/00
841,842	F 16 h	35/00
843–879	B 60 k	
	F 02 d	
	G 05 g	

U.S. Class 75

Metallurgy

(IPC C 22 b)

U.S. Subclass	IPC Subclass	IPC Notation
.5	B 22 f	
	C 21 c	
	C 22 b	
	C 22 c	1/04
1	C 21 b	1/00
	C 22 b	1/00
2	B 03 d	
	C 21 b	1/00
	C 22 b	1/00
3	C 21 b	1/08
	C 22 b	1/08
4	C 21 b	1/28
	C 22 b	1/24
5	C 21 b	1/10
	C 22 b	1/16
6	C 21 b	1/04
	C 22 b	1/12
7	C 21 b	1/02
	C 22 b	1/02
8	C 21 b	1/02
	C 22 b	1/04
9	C 21 b	1/02
	C 22 b	1/10
10	C 22 d	7/00
11–13	C 21 c	5/52
14	C 22 d	7/06
20	C 21 b	
	C 21 c	
	C 22 b	5/02
21–23	C 21 b	
	C 22 b	
24	C 21 b	3/04
	C 22 b	7/04
25	C 21 b	3/04
	C 22 b	7/02
26	C 21 b	1/02
	C 22 b	1/10
27	C 21 b	15/02
	C 22 b	5/00
28	C 21 b	
	C 21 c	
29	C 21 b	
30	C 21 b	3/04
		5/04
	C 21 c	5/54
31	C 21 b	
32	C 21 c	3/00
33–39	C 21 b	13/00
		15/00
40	C 21 b	11/00
41–42	C 21 b	5/00
43–46	C 21 b	
	C 21 c	
47	C 21 c	3/00
48–61	C 21 c	7/00
62	C 22 b	
	C 22 c	
63	C 22 b	7/00
64	C 22 b	25/06
65	C 22 b	
66	C 22 b	27/00
67	C 22 b	29/00
		45/00
68	C 22 b	21/00
69	C 22 b	31/00
70	C 22 b	37/00
71	C 22 b	17/00
72–76	C 22 b	15/00
77	C 22 b	13/00
78–79	C 22 b	13/06
80	C 22 b	47/00
81	C 22 b	43/00
82	C 22 b	23/00
83	C 22 b	11/00
84	C 22 b	
84.1	C 22 b	61/04
84.4–84.5	C 22 b	
85	C 22 b	25/00
86	C 22 b	
87	C 22 b	19/20
88	C 22 b	19/04
89	C 22 b	5/02
90	C 22 b	9/14
91	C 22 b	5/12
92	C 22 b	5/02
93	C 22 b	9/00
94	C 22 b	9/10
95	C 22 b	9/00
96	C 22 b	9/00
97	C 22 b	
98	C 22 b	25/06
99	C 22 b	7/00
100	C 22 b	11/00
101–116	C 22 b	3/00
117	C 22 b	15/00
118	C 22 b	11/00
119	C 22 b	23/00
120	C 22 b	13/00
		19/00
121	C 22 b	

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 75—Con.		
122	C 22 b	
	C 22 c	
123	C 22 c	37/00
		39/00
		41/00
124	C 22 c	37/10
		39/02
125	C 22 c	39/54
126	C 22 c	39/14
128	C 22 c	39/20
129	C 22 c	33/00
		35/00
130	C 22 c	33/00
		37/00
130.5	C 22 c	33/00
		39/14
132	C 22 c	33/00
		39/54
133	C 22 b	5/00
	C 22 c	33/00
133.5	C 22 b	1/00
		5/00
	C 22 c	33/00
134	C 22 c	33/00
135	C 22 c	1/00
138 – 147	C 22 c	21/00
148	C 22 c	21/02
149	C 22 c	31/00
150	C 22 c	25/00
151	C 22 c	17/00
152	C 22 c	31/00
153	C 22 c	9/00
154	C 22 c	9/02
156 – 156.5	C 22 c	9/08
157	C 22 c	9/02
		9/04
157.5	C 22 c	9/04
159	C 22 c	9/06
160	C 22 c	9/10
161 – 162	C 22 c	9/00
163	C 22 c	9/08
164	C 22 c	9/00
165	C 22 c	5/00
166	C 22 c	11/00
167	C 22 c	11/02
168	C 22 c	23/00
169	C 22 c	7/00
170 – 171	C 22 c	19/00
172 – 173	C 22 c	5/00
174	C 22 c	27/00
		31/00
175	C 22 c	13/00
175.5	C 22 c	15/00
176	C 22 c	27/00
177	C 22 c	15/00
178	C 22 c	17/00
200 – 206	B 22 f	
	C 22 c	1/04
		33/02
207	B 22 f	
208	B 22 f	7/00
211 – 214	B 22 f	1/00

U.S. Class 76

Metals tools and implements making

(IPC B 23 d)

1	B 21 k	
	B 23 d	
2, 3	B 21 k	5/02
4	B 21 k	5/20
5	B 21 h	3/10
	B 21 k	5/02
6	B 21 k	5/14
7 – 9	B 21 k	11/10
10	B 21 k	5/16
11	B 21 k	5/18
12 – 23	B 23 d	73/00
24	B 23 d	73/04
25	B 23 d	63/00
26, 27	B 23 d	63/18
28, 29	B 23 d	65/02
30 – 36	B 23 d	63/08
37 – 45	B 23 d	63/12
46 – 48	B 23 d	63/08
49	B 23 d	63/06
50	B 23 d	63/12
51 – 57	B 23 d	63/06
58 – 62	B 23 d	63/04
63, 64	B 23 d	63/02
65 – 73	B 23 d	63/04
74 – 80	B 23 d	63/00
81	B 24 d	15/00
81.1 – 81.8	B 24 d	15/00
82	B 21 k	5/12
		11/00
82.1	B 21 k	19/00
82.2	B 21 d	53/04
	B 21 k	11/06
83	B 21 k	17/00
84	B 21 k	11/02
85 – 87	B 21 h	1/02
	B 21 k	19/00
88, 89	B 21 k	5/12
89.1	D 21 k	11/00
89.2	B 21 k	5/12
		11/00
101	B 21 k	21/00
102	B 21 k	5/02
103	B 21 h	7/06
	B 21 k	11/10
104	B 21 k	11/00
105	B 21 d	53/62
	B 21 k	11/04
106	B 21 k	21/00
107	B 21 k	5/20
108	B 21 k	5/02
109	B 21 h	7/04
	B 21 k	11/00
110	B 21 k	13/00
111	B 21 d	53/63
	B 21 h	7/08
	B 21 k	11/14
112	B 23 d	63/00
113	B 21 d	53/66
	B 21 h	7/02
	B 21 k	11/12
114	B 21 k	5/16

U.S. Class 77

Boring and drilling

(IPC B 23 b)

1	B 23 b	39/00
2	B 23 b	39/14
3 – 6	B 23 b	39/00
7 – 11	B 23 b	39/14
12	B 23 b	45/00
13, 14	B 23 b	45/14
15	B 23 b	45/00
16	B 23 b	45/10
17	B 23 b	45/00
18	B 23 b	49/04
19, 20	B 23 b	39/00
21	B 23 b	39/22
22 – 24	B 23 b	39/16
25	B 23 b	39/20
26	B 23 b	39/16
27, 28	B 23 b	39/12
29	B 23 b	47/04
31	B 23 b	39/00
32 – 32.4	B 23 b	39/10
		47/18
		47/24
32.5, 32.6	B 23 b	39/10
		47/18
32.7	B 23 b	39/10
		47/24
32.8 – 33.3	B 23 b	39/10
		47/18
33.4	B 23 b	39/10
		47/18
	B 23 q	5/24
33.5	B 23 b	39/10
		47/22
	B 23 q	5/26
33.6, 33.7	B 23 b	39/10
		47/22
	B 23 q	5/26
33.8 – 34.4	B 23 b	39/10
		47/18
	B 23 q	5/30
34.5 – 34.7	B 23 b	47/18
35	B 23 b	47/14
36	B 23 b	47/26
37 – 42	B 23 b	41/08
43	B 23 b	43/00
		45/12
44 – 54	B 23 b	45/12
55	B 23 b	47/00
56	B 23 b	29/02
		47/00
57	B 23 b	29/04
		47/00
58	B 23 b	29/02
		47/00
59	B 23 b	45/14
60	B 23 b	31/04
		43/00
61	B 23 b	41/04
62	B 23 b	43/00
		49/00
63	B 23 b	47/28
64	B 23 b	39/06
		47/28
65, 66	B 23 b	51/08
67	B 23 b	51/00
68	B 23 b	51/06
69	B 23 b	51/04
70	B 23 b	51/02
71	B 23 b	51/00
72	B 23 b	51/00
	B 23 d	77/00
73	B 23 b	51/00
	B 23 d	79/04
73.5	B 23 b	51/10
	B 23 d	77/00
75 – 76	B 23 b	51/00
	B 23 d	77/00
77	B 23 b	41/00
78	B 23 b	41/04
79	B 23 b	41/00

U.S. Class 79

Button making

(IPC B 29 d)

1, 2	A 44 b	1/06
3	A 44 b	1/00
	B 21 b	53/48
4, 5	D 04 d	7/04
6 – 10	B 29 d	9/04
		19/04
11 – 14	B 29 d	19/08
15, 16	B 29 d	19/04
18	B 29 d	19/00

U.S. Class 81

Tools

(IPC B 25 b)

1 – 3	B 25 b	
3.05	B 25 b	27/00
3.1	B 67 b	7/44
3.2	B 67 b	7/08
3.3	B 67 b	7/36
3.31 – 3.33	B 67 b	7/36
3.34 – 3.36	B 67 b	7/00
3.37	B 67 b	7/32
3.38 – 3.49	B 67 b	7/00
3.5, 3.6	B 25 b	
3.7	B 23 p	17/00
3.8	B 25 b	27/14
4	B 25 b	9/00
5.1	B 25 b	7/00
6	G 04 d	3/00
7	B 23 p	5/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 81—Con.		
	G 04 d	3/04
7.5	G 04 d	3/00
8	B 23 p	5/00
	G 04 d	3/04
8.1	B 25 b	
9.1	B 25 b	
9.2	B 41 b	1/00
9.21	B 43 m	17/00
9.22	B 43 k	5/00
9.3	B 25 b	27/10
9.5–9.51	H 02 g	1/12
10	B 25 b	27/00
13	B 25 b	9/00
15.2	B 60 c	25/16
15.3	B 60 c	25/14
15.4–15.7	B 60 c	25/16
15.8	B 60 c	27/06
43	B 25 b	9/02
52.3, 52.35	B 25 b	19/00
52.4, 52.5	B 25 b	
52.6	G 04 d	3/00
53, 54	B 25 b	13/00
		21/02
55	B 25 b	
56–57.5	B 25 b	17/00
58–59.1	B 25 b	13/00
60–63.2	B 25 b	13/46
64–70	B 25 b	13/52
71, 72	B 25 b	13/48
73	B 25 b	13/00
74–76	B 25 b	13/48
77	B 25 b	13/10
90	B 25 b	13/00
		13/02
		13/56
91–104	B 25 b	13/28
105	B 25 b	13/30
106	B 25 b	13/28
107, 108	B 25 b	13/30
109–112	B 25 b	13/28
113, 114	B 25 b	13/30
		13/32
115, 116	B 25 b	13/32
117	B 25 b	13/28
118	B 25 b	13/30
119	B 25 b	13/02
120	B 25 b	13/04
121	B 25 b	13/06
122, 123	B 25 b	13/06
		13/48
	G 04 d	3/00
124.1, 125	B 25 b	13/02
126–127	B 25 b	13/12
128	B 25 b	13/18
129	B 25 b	13/12
130, 131	B 25 b	13/14
132	B 25 b	13/14
		13/34
133–140	B 25 b	13/14
141	B 25 b	13/18
142–145	B 25 b	13/14
146–149	B 25 b	13/18
		13/24
150, 151	B 25 b	13/12
		13/34
152–154	B 25 b	13/12
155	B 25 b	13/16
156–176	B 25 b	13/16
177–177.9	B 25 b	13/00
	B 25 g	1/00
178	B 25 b	13/10
179	B 25 b	13/12
180–185	B 25 b	13/58
186	B 25 b	13/00
300, 301	B 25 b	7/00
302	B 25 b	7/12
303–313	B 25 b	7/02
314	B 25 b	7/04
315–328	B 25 b	7/14
329	B 25 b	7/02
330	B 25 b	7/04
331–340	B 25 b	7/14
341	B 25 b	7/04
342	B 25 b	7/12
343–344	B 25 b	7/04
		7/12
345–355	B 25 b	7/12
356, 357	B 25 b	7/04
		7/12
358–364	B 25 b	7/12
365	B 25 b	7/04
366–384	B 25 b	7/12
385–414	B 25 b	7/04
415	B 25 b	7/02
416	B 25 b	7/06
417–428	B 25 b	7/02

U.S. Class 82

Turning

(IPC B 23 b)

1	B 23 b	3/00
1.1	B 23 b	17/00
2	B 23 b	3/00
		7/00
		9/00
2.5, 2.7	B 23 b	13/00
		15/00
3	B 23 b	3/34
4	B 23 b	3/22
		5/04
5, 5.5	B 23 b	1/00
6	B 23 b	3/02
7	B 23 b	5/00
8	B 23 b	5/28
9, 10	B 23 b	5/18
11, 12	B 23 b	3/28
13	B 23 b	3/22
		3/28
14	B 23 b	3/28
15, 16	B 23 b	5/36
17	B 23 b	3/36
18, 19	B 23 b	3/28
Ø	B 23 b	5/00
21–27	B 23 b	21/00
28–30	B 23 b	19/02
31	B 23 b	23/00
32	B 23 b	17/00
33	B 23 b	23/02
		23/04
34	B 23 b	3/36
35–37	B 23 b	29/00
38, 39	B 23 b	25/00
40–42	B 23 b	33/00
43, 44	B 23 b	25/00
45	B 23 b	23/02
		23/04
46	B 23 b	5/14
47	B 23 b	1/00
48	B 23 b	7/00
49–53	B 23 b	37/00
54–58	B 23 b	3/06
59–102	B 23 b	3/04
		5/14

U.S. Class 83

Cutting

(IPC B 26 d)

1	B 26 d	3/00
2	B 26 d	9/00
	B 26 f	1/24
3	B 26 d	3/02
4	B 26 d	4/00
5	B 26 d	3/06
6–12	B 26 d	3/08
13	B 26 d	1/00
		3/00
14	B 26 d	7/08
15, 16	B 26 d	7/10
17–21	B 26 d	7/14
22	B 26 d	7/08
23–29	B 26 d	7/06
30	B 26 f	1/24
31–36	B 26 d	1/00
		3/00
37, 38	B 23 d	25/02
	B 26 d	1/56
39–56	B 26 d	3/00
57, 58	B 26 d	5/00
59	B 26 d	5/10
60–62	B 26 d	5/00
63	B 26 d	5/20
		5/40
64–67	B 26 d	5/20
68	B 26 d	5/10
69, 70	B 26 d	5/00
71	B 26 d	5/30
72–75	B 26 d	5/00
76	B 26 d	5/20
		5/40
77	B 26 d	7/00
78–166	B 26 d	7/06
167	B 26 d	7/00
168, 169	B 26 d	7/08
170, 171	B 26 d	7/10
174	B 26 d	7/08
175, 176	B 26 d	7/14
177	B 26 f	3/00
178–195	B 23 d	21/14
196–200	B 26 d	1/00
201–201.07	B 26 d	1/46
201.08	B 26 d	1/48
201.09–201.13	B 26 d	1/48
		1/50
		1/54
201.14	B 26 d	1/48
201.15	B 26 d	1/54
202–210	B 26 d	5/20
211, 212	B 26 d	5/28
213–283	B 26 d	5/20
284	B 23 d	25/02
	B 26 d	1/56
285–298	B 23 d	25/16
	B 26 d	1/56
299–314	B 23 d	25/02
	B 26 d	1/56
315–317	B 23 d	25/06
	B 26 d	1/56
318–320	B 23 d	25/04
	B 26 d	1/56
321–342	B 23 d	25/02
	B 26 d	1/56
343–348	B 23 d	25/12
	B 26 d	1/56
349	B 23 d	25/02
	B 26 d	1/56
350, 351	B 26 d	5/20
352	B 26 d	5/26
353–357	B 26 d	5/20
358	B 26 d	5/00
359	B 26 d	5/08
360–369	B 26 d	5/00
370–372	B 26 d	5/38
373, 374	B 26 d	5/00
375–390	B 26 d	5/42
391–400	B 26 d	5/00
401–450	B 26 d	7/06
451–465	B 26 d	7/02
466	B 26 d	7/02
		7/04
467, 468	B 26 d	7/16
469, 470	B 23 d	19/00
	B 26 d	1/14
471–477	B 23 d	19/00
		33/02
	B 26 d	1/14
478–482	B 23 d	19/00
	B 26 d	1/14
483–490	B 23 d	19/00
	B 26 d	1/18
491–494	B 23 d	19/00
	B 26 d	1/14
495–504	B 23 d	19/04
	B 26 d	1/24
505, 506	B 23 d	19/04
	B 26 d	1/22
507	B 23 d	19/04
	B 26 d	1/24
508	B 23 d	19/02
	B 26 d	1/20
509–512	B 26 d	1/02
513, 514	B 26 d	11/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 83—Con.		
515–518	B 26 d	9/00
519	B 26 d	11/00
520, 521	B 26 d	7/00
522	B 26 d	7/28
523–601	B 26 d	5/08
602	B 26 d	5/16
603	B 26 d	5/08
604	B 26 d	5/18
605–627	B 26 d	5/08
628	B 26 d	5/16
629	B 26 d	5/08
630	B 26 d	5/18
631	B 26 d	5/08
632	B 26 d	5/14
633–638	B 26 d	5/08
639	B 26 d	5/12
640–647.5	B 26 d	5/08
648–650	B 26 d	7/00
651	B 26 d	1/00
652–657	B 26 f	1/46
658, 659	B 26 d	7/20
660	B 26 f	1/24
661	B 26 d	1/46
662	B 26 d	1/00
663–672	B 26 d	1/12
673–676	B 23 d	35/00
	B 26 d	1/12
677–678	B 26 d	1/12
679, 680	B 26 d	1/00
681, 682	B 26 d	1/14
683	B 26 f	1/12
684–691	B 26 f	1/14
692, 693	B 26 d	1/12
694–701	B 26 d	1/00

U.S. Class 84

Music

(IPC G 10 d)

1	G 10 d	
1.01	G 10 h	1/00
1.02	G 11 b	31/00
1.03	G 10 f	1/00
1.04–1.16	G 10 h	3/00
1.17–1.18	G 10 h	3/06
1.19	G 10 h	1/02
1.2	G 10 h	1/02
1.21	G 10 h	1/02
1.22–1.23	G 10 h	1/06
1.24	G 10 h	1/02
1.25	G 10 h	1/04
1.26	G 10 h	1/02
1.27	G 10 h	1/02
1.28	G 10 h	3/04
2	G 10 f	1/22
3	G 10 f	1/22
4–5	G 11 b	31/02
6	G 10 f	1/22
7	G 10 f	1/16
8	G 10 f	1/20
9	G 10 f	1/20
10–11	G 10 f	1/18
12	G 10 f	1/00
13	G 10 f	1/02
14–15	G 10 f	1/04
16–20	G 10 f	1/02
21–72	G 10 f	1/02
73–82	G 10 f	1/02
83–85	G 10 f	1/12
86	G 10 f	1/14
87–92	G 10 f	1/12
93–101	G 10 f	1/06
102–104	G 10 f	1/08
105–114	G 10 f	3/00
115	G 10 f	5/00
116–121	G 10 f	5/00
122–145	G 10 f	5/06
146–166	G 10 f	5/04
167–169	G 10 f	5/00
170–171	G 10 d	15/00
172	G 10 c	5/00
173	G 10 d	1/00
174–176	G 10 c	1/00
177–183	G 10 c	3/02
184–186	G 10 c	3/04
187	G 10 c	3/06
188	G 10 c	3/08
189–195	G 10 c	3/06
196–199	G 10 c	3/08
200–208	G 10 c	3/10
209–214	G 10 c	3/04
215–220	G 10 c	3/00
221–224	G 10 c	3/18
225–233	G 10 c	3/26
234	G 10 c	3/00
235	G 10 c	3/30
236–243	G 10 c	3/18
244–245	G 10 c	3/20
246	G 10 c	3/20
247–255	G 10 c	3/18
256–257	G 10 c	1/00
258	G 10 c	1/06
263	G 10 d	1/00
264–266	G 10 d	1/04
267	G 10 d	1/08
268	G 10 d	1/06
269	G 10 d	1/10
270–273	G 10 c	1/10
274–283	G 10 d	1/02
284	G 10 d	1/00
285–289	G 10 d	1/12
290–293	G 10 d	3/00
294–296	G 10 d	3/02
297	G 10 d	3/00
298	G 10 d	3/04
299	G 10 d	3/00
300–303	G 10 d	3/12
304–306	G 10 d	3/14
307–310	G 10 d	3/04
311	G 10 d	3/04
312	G 10 d	3/14
313	G 10 d	3/00
314	G 10 d	3/06
315–319	G 10 d	3/00
320–325	G 10 d	3/16
326	G 10 d	3/08
327	G 10 d	3/00
	G 10 g	5/00
328	G 10 d	3/18
329	G 10 d	3/00
330	G 10 d	7/00
331	G 10 b	1/00
332–345	G 10 b	3/10
346	G 10 b	3/16
347	G 10 b	3/16
348	G 10 b	3/18
349–350	G 10 b	3/08
351–352	G 10 b	1/08
353	G 10 b	3/14
354	G 10 b	1/08
355–358	G 10 b	3/02
359–364	G 10 b	3/00
365–371	G 10 b	3/10
372	G 10 b	3/16
373	G 10 b	3/10
374	G 10 b	3/18
375–376	G 10 d	11/00
377–379	G 10 d	7/12
380	G 10 d	7/00
381	G 10 d	7/00
382	G 10 d	7/06
383	G 10 d	9/02
384	G 10 d	7/02
385	G 10 d	7/08
386	G 10 d	9/00
387	G 10 d	7/10
388	G 10 d	7/10
389–394	G 10 d	9/04
395–397	G 10 d	7/10
398–399	G 10 d	9/02
400	G 10 d	9/06
401	G 10 d	7/10
402–410	G 10 d	13/08
411–418	G 10 d	13/02
419	G 10 d	13/04
420–421	G 10 d	13/02
422	G 10 d	13/00
423–451	G 10 c	3/12
452	G 10 d	3/00
453	G 10 g	
454–457	G 10 g	7/02
458–460	G 10 g	7/00
461	G 10 g	3/00
462	G 10 g	3/04
463	G 10 g	3/00
464	A 63 j	17/00
465–469	G 09 b	15/06
470	G 09 b	15/00
471–477	G 09 b	15/02
478–482	G 09 b	15/08
483–485	G 10 b	15/00
486–521	G 10 g	7/00

U.S. Class 85

Driven, headed, and screwthreaded fastenings

(IPC F 16 b)

1	F 16 b	27/00
		29/00
		35/00
1.5	F 16 b	35/00
3	F 16 b	21/00
		35/04
4	F 16 b	19/00
		35/04
5	F 16 b	19/00
7–8.9	F 16 b	19/00
		21/00
9	F 16 b	19/00
		23/00
10	A 43 b	23/20
	E 01 b	9/06
	F 16 b	15/00
11	F 16 b	15/00
12	A 01 l	7/10
13, 14	A 43 b	23/20
	F 16 b	15/00
15	E 04 f	21/28
	F 16 b	15/00
16	B 43 m	15/00
	F 16 b	15/00
17	F 16 b	15/08
19	F 16 b	15/00
20	E 01 b	9/06
	F 16 b	15/00
21	E 01 b	9/06
	F 16 b	15/06
22	F 16 b	15/00
23	E 01 b	9/00
	F 16 b	15/00
24, 25	E 01 b	9/06
	F 16 b	15/00
26, 27	E 01 b	9/12
	F 16 b	15/00
28	A 47 g	3/00
	E 01 b	9/06
	F 16 b	15/02
29	E 01 b	9/12
	F 16 b	15/00
30	A 01 l	7/10
	A 43 b	23/20
	E 01 b	9/06
	F 16 b	15/00
31	E 01 b	9/12
	F 16 b	15/00
32	F 16 b	27/00
		29/00
		37/00
32.1	F 16 b	37/00
	F 16 d	1/00
	F 16 l	25/00
33	F 16 b	33/02
		37/00
34	F 16 b	37/00
35	F 16 b	37/14
36	F 16 b	17/00
		37/00
37	F 16 b	19/04
38, 39	F 16 b	19/08
41	F 16 b	23/00
		25/00
		35/00

U.S. Class 85—Con.

U.S. Subclass	IPC Subclass	IPC Notation
42	F 16 b	23/00
		25/00
		33/00
		35/00
43	F 16 b	23/00
		25/00
		33/00
		35/06
44, 45	F 16 b	23/00
		25/00
		33/00
		35/00
46 – 48	F 16 b	25/00
		33/02
		33/06
49	F 16 b	15/00
50 – 52	F 16 b	43/00
53	A 47 g	3/00
	F 16 b	15/02
54	F 16 b	15/02
55, 56	A 47 g	3/00
	F 16 b	15/02
61	F 16 b	31/00
		33/04
62	F 16 b	31/02
63 – 69	E D4 b	1/48
	F 16 b	13/04
70	F 16 b	13/06
		33/04
71 – 88	F 16 b	13/04
		33/04

U.S. Class 86

Ammunition and explosive charge making

(IPC F 42 b)

1	F 42 b	33/10
10	F 42 b	5/02
		9/02
		33/00
11 – 12	F 42 b	7/02
		33/00
17	F 42 b	33/14
19	F 42 b	31/02
20	C D6 d	1/08
	F 42 b	3/00
21	C D6 d	1/08
	F 42 b	3/20
	F 42 d	1/08
22	C D6 d	1/08
	F 42 b	3/10
	F 42 d	1/08
23 – 31	F 42 b	33/02
24	F 42 b	33/00
		35/02
32	F 42 b	33/04
33	F 42 b	33/02
36 – 38	F 42 b	33/10
39 – 41	F 42 b	33/12
42 – 43	F 42 b	11/02
44	F 42 b	5/26
		9/26
45 – 46	F 42 b	33/00
47	F 42 b	37/00
48	F 42 b	39/10

U.S. Class 87

Textiles, braiding, netting and lacemaking

(IPC D 04 c)

1	D D6 p	7/00
2	D D4 c	1/02
3, 4	D D4 c	1/00
		1/06
5 – 11	D D4 c	1/00
12	D D4 g	
13	D D4 c	1/00
14 – 15	D D4 c	3/32
16	D D4 c	3/24
17	D D4 c	3/28
18, 19	D D4 c	3/38
20 – 22	D D4 c	3/24
		3/48
23	D D6 p	7/00
24 – 27	D D4 c	5/00
25	D D4 c	5/00
28	D D4 c	3/08
29	D D4 c	3/12
30	D D4 c	3/08
31	D D4 c	3/48
32	D D4 c	
33 – 35	D D4 c	
35	D D4 c	3/00
36	D D4 c	3/34
37, 38	D D4 c	3/24
39, 40	D D4 c	3/28
41	D D4 c	3/00
42	D D4 c	3/06
43	D D4 c	3/04
44 – 48	D D4 c	
49	D D4 c	3/48
50, 51	D D4 c	3/02
53	D D4 g	
54	D D4 c	3/48
55 – 57	D D4 c	3/14
58 – 60	D D4 c	7/00
61	D D4 c	
62	D D4 c	3/36

U.S. Class 88

Optics

(IPC A 01 k)

1.5	G D3 b	13/02

U.S. Class 89

Ordnance

(IPC F 41 f)

1, 1.5	F 41 f	5/00
		5/02
1.7 – 1.706	F 41 f	3/02
		15/00
1.8	F 41 f	3/04
1.8 – 1.804	F 41 f	3/04
		9/00
		9/06
1.8 – 1.805	F 41 f	3/04
		9/00
1.8 – 1.808	F 41 f	3/04
1.8 – 1.81	F 41 f	3/00
		3/04
1.811 – 1.818	F 41 f	3/04
1.811	F 41 f	3/04
	F 42 c	15/06
1.812	F 42 c	15/06
1.813 – 1.818	F 41 f	3/04
1.819	F 41 f	5/00
		7/00
4 – 4.5	F 41 d	5/00
5	F 41 f	3/08
		3/10
6 – 6.5	F 42 c	17/00
7	F 41 f	
8	F 41 f	1/00
9 – 13	F 41 d	7/00
14	F 41 f	17/00
14.1	F 41 f	17/00
		17/14
15, 16	F 41 f	17/08
17	F 41 d	11/06
	F 41 f	11/00
18	F 41 f	11/02
		11/04
19 – 21	F 41 f	11/10
		11/12
22 – 26	F 41 f	11/02
		11/04
27	F 41 f	13/00
28	F 41 f	13/08
29 – 31	F 41 f	17/06
33	F 41 c	9/22
		25/00
	F 41 d	9/00
34	F 41 c	25/00
	F 42 d	9/00
35	F 42 d	39/08
36	F 41 h	5/00
		5/12
		5/16
37	F 41 d	11/24
	F 41 f	23/00
37.5	F 41 d	11/22
		11/26
38	F 41 f	23/02
		23/04
39	F 41 f	23/02
40	F 41 f	3/18
		23/00
41	F 41 g	
42	F 41 f	5/18
		19/00
43	F 41 f	19/02
44	F 41 f	19/06
45	F 41 d	11/14
	F 41 f	9/00
	F 42 b	
46	F 41 f	9/00
		9/04
47	F 41 f	9/00
		17/16
125	F 41 d	1/00
		7/00
126	F 41 d	7/04
127, 128	F 41 d	7/00
		11/00
129 – 132	F 41 d	
133	F 41 d	11/22
134 – 138	F 41 d	
139 – 147	F 41 c	5/00
148 – 179	F 41 d	
180	F 41 d	3/00
181	F 41 d	
182	F 41 d	3/04
183 – 188	F 41 d	
189	F 41 d	3/02
190	F 41 d	
191	F 41 d	5/04
192	F 41 d	
193	F 41 d	5/08
194 – 199	F 41 d	

U.S. Class 90

Gear cutting, milling and planning

(IPC B 23 d)

1	B 23 f	1/00
1.4	B 23 f	19/10
1.6	B 23 f	19/06
		19/08
		21/28
2	B 23 f	3/00
3	B 23 f	1/00
4	B 23 f	5/22
		5/24
		9/08
		11/00
5	B 23 f	9/10
6	B 23 f	9/00
7, 7.5	B 23 f	1/06
		5/20
		9/04
		9/06
8	B 23 f	9/04
		9/06
9 – 9.6	B 23 f	5/02
		9/02
		13/04
10	B 23 f	9/04
		9/06
11	B 23 c	1/00
		3/00

U.S. Class 90—Con.

U.S. Subclass	IPC Subcloss	IPC Notation
		7/00
11.4–11.5	B 23 c	3/28
		3/32
11.52–11.66	B 23 c	3/28
12, 12.5	B 23 c	1/20
13–13.9	B 23 c	1/16
		1/18
14, 15	B 23 c	1/00
		3/00
15.1	B 23 c	1/14
16, 17	B 23 c	1/12
18	B 23 c	1/00
		1/04
19	B 23 c	1/06
		1/08
		1/10
20	B 23 c	1/14
20.5–23	B 23 c	9/00
24	B 23 d	1/00
		3/00
		5/00
24.3, 24.4	B 23 d	1/30
		3/06
		5/04
24.5	B 23 d	5/04
25	B 23 d	1/00
		3/00
		5/00
26	B 23 d	5/00
		5/02
27, 28	B 23 d	1/00
		3/00
		5/00
28.1, 29	B 23 d	5/02
30–32	B 23 d	5/00
		5/02
34–37	B 23 d	1/02
		1/04
		1/06
38–42	B 23 d	1/08
43–47	B 23 d	3/00
		3/02
		3/04
47–51	B 23 d	1/08
		1/20
		7/04
48	B 23 d	7/10
49–51	B 23 d	1/08
		1/20
		7/04
52–54	B 23 d	13/00
		13/02
		13/04
55	B 23 d	13/06
56, 57	B 23 f	23/08
58	B 23 d	7/08
62	B 23 d	1/30
		3/06
		5/04
		9/00
63, 64	B 23 d	37/00
65, 66	B 23 d	41/08
67–70	B 23 d	41/00
71–74	B 23 d	41/06
75	B 23 d	41/00
76–77	B 23 d	41/06
78	B 23 d	37/18
79–86	B 23 d	41/06
87–90	B 23 d	41/02
		41/06
91–94	B 23 d	41/04
95–97	B 23 d	41/08

U.S. Class 91

Motors, expansible chamber type

(IPC F 04 b)

U.S. Subclass	IPC Subcloss	IPC Notation
1	F 01 b	25/26
		31/12
2	F 15 b	11/15
		13/00
3	F 15 b	13/02
4	F 15 b	21/04
5	F 15 b	21/00
6–8	F 01 b	25/02
9	F 01 b	29/04
10	F 01 b	25/04
11	F 01 b	29/04
12–15	F 01 l	29/06
16	F 01 b	25/02
17	F 01 b	25/06
18	F 01 b	25/04
19–21	F 01 b	25/02
22–27	F 15 b	15/22
28–33	F 15 b	13/04
34	F 01 b	29/04
35–40	F 15 b	21/02
41–45	F 15 b	15/26
46	F 01 b	31/10
47–49	F 15 b	13/02
50	F 01 l	15/02
51, 52	F 15 b	13/02
53	F 02 n	7/00
54	F 01 b	29/04
55	F 01 b	23/00
56	F 01 c	1/00
		3/00
57	F 01 c	5/06
58	F 01 c	1/00
		3/00
59	F 01 c	21/12
60	F 01 c	1/00
		3/00
61	F 01 b	13/00
62–68	F 01 c	1/00
		3/00
69	F 01 c	3/00
70–74	F 01 c	1/00
		3/00
75	F 01 c	21/16
76	F 01 c	21/12
77, 78	F 01 c	1/00
		3/00
79	F 01 c	17/06
80	F 01 c	21/10
81–84	F 01 c	1/12
85	F 01 c	3/02
		3/08
86	F 01 c	1/08
87–89	F 01 c	1/18
90, 91	F 01 c	11/00
92–109	F 01 c	1/00
		3/00
110	F 01 c	3/00
111–150	F 01 c	1/00
		3/00
151	F 01 b	1/00
	F 04 b	19/14
152–156	F 01 b	1/00
157, 158	F 01 l	15/14
159–166	F 01 b	1/00
167–168	F 15 b	11/18
169	F 01 b	7/20
170	F 01 b	1/00
		7/00
171	F 01 b	25/04
	F 15 b	11/22
172	F 01 b	1/00
173	F 01 b	7/20
174	F 01 b	1/08
175	F 01 b	3/00
176	F 01 b	15/00
177	F 01 c	9/00
178	F 01 l	15/00
179	F 01 l	33/04
180	F 01 l	33/02
181	F 01 b	7/04
182	F 01 l	15/00
		33/00
183	F 01 b	1/00
184	F 01 l	21/02
185	F 01 l	15/00
		33/00
186	F 01 b	1/00
187	F 01 l	31/00
188–195	F 01 l	15/00
		33/00
196	F 01 b	15/00
197	F 01 b	13/00
198–200	F 01 b	13/04
201	F 01 b	13/00
202–205	F 01 b	13/06
206–209	F 01 b	15/00
210	F 01 b	15/04
211–215	F 01 b	15/06
216	F 01 b	15/00
217	F 01 b	15/02
218	F 01 l	15/00
		21/00
219	F 01 l	31/00
220	F 01 b	25/04
221	F 01 b	25/06
222	F 01 l	21/04
223	F 01 c	9/00
224	F 01 l	15/12
225	F 01 l	25/04
226	F 01 l	21/04
227	F 01 l	21/02
228, 229	F 01 l	21/04
230, 231	F 01 b	1/00
232–234	F 01 l	21/02
235	F 01 b	7/18
236	F 01 l	15/00
237, 238	F 01 l	15/14
239	F 01 l	15/00
240	F 01 l	25/02
241, 242	F 01 l	25/04
243	F 01 l	21/02
244	F 01 l	15/14
245	F 01 l	1/20
246	F 01 l	15/14
247	F 01 l	31/00
248	F 01 l	25/08
249–253	F 01 l	31/00
254	F 01 l	31/02
255, 256	F 01 l	31/00
257	F 01 l	31/18
258, 259	F 01 l	31/00
260	F 01 l	31/02
261	F 01 l	31/06
262	F 01 l	31/16
263	F 01 l	25/02
264, 265	F 01 l	15/14
266	F 01 c	9/00
267, 268	F 01 l	15/14
269	F 01 l	31/02
270	F 01 l	33/02
		33/04
271–273	F 01 l	15/16
274	F 01 l	31/00
275	F 01 l	25/08
276	F 01 l	17/00
277	F 01 l	31/00
278	F 01 l	25/02
279	F 01 l	31/00
280–289	F 01 l	25/02
290–302	F 01 l	25/04
303–320	F 01 l	25/02
321	F 01 b	7/18
322	F 01 l	31/00
323	F 01 l	15/16
324	F 01 l	15/14
325	F 01 l	21/02
326	F 01 l	19/00
327	F 01 l	33/00
328, 329	F 01 l	15/18
330–332	F 01 l	31/00
333	F 01 b	25/06
334	F 01 l	29/00
335	F 01 l	15/14
336	F 01 b	25/06
337	F 01 l	31/08
338	F 01 l	31/02
339, 340	F 01 c	9/00
341–343	F 01 l	23/00
344–347	F 01 l	31/02
348	F 01 l	31/00
349	F 01 l	31/18
350, 351	F 01 l	31/00
352	F 01 l	31/18
353, 354	F 01 l	31/00
355, 356	F 15 b	11/15
357	F 15 b	9/02
358, 359	F 15 b	13/16
360	F 15 b	20/00
361, 362	F 15 b	13/16

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 91—Con.		
363	F 15 b	9/03
		9/09
364–367	F 15 b	13/16
368–380	F 15 b	9/10
381	F 15 b	9/12
382–384	F 15 b	9/10
385–390	F 15 b	13/16
391	F 15 b	13/10
392	F 15 b	15/20
393	F 15 b	21/10
394–396	F 15 b	15/22
397, 398	F 15 b	13/04
399–402	F 15 b	15/22
403, 404	F 15 b	13/04
405–409	F 15 b	15/22
410	F 15 b	13/04
411–414	F 15 b	11/00
		13/00
415–417	F 15 b	15/17
418–432	F 15 b	11/08
		13/04
433	F 15 b	11/10
434	F 15 b	13/14
435	F 15 b	11/04
436–458	F 15 b	11/08
		13/04
459	F 15 b	13/044
460	F 15 b	17/02
461–470	F 15 b	11/08
		13/04
471	F 01 b	
	F 04 c	
	F 15 b	

U.S. Class 92

Expansible chambers devices

(IPC F 01 b)

1	F 15 b	21/04
2	F 01 b	21/00
3, 4	F 04 b	17/00
5	F 01 b	25/26
		31/12
6, 7	F 01 b	31/00
8–12	F 15 b	15/22
13	F 01 b	9/02
14	F 15 b	15/22
15–28	F 15 b	15/26
29	F 01 b	9/00
30	F 16 j	1/00
31–33	F 01 b	3/00
34–47	F 01 b	19/00
	F 16 j	3/00
48–50	F 01 b	19/00
51–53	F 01 b	7/20
54, 55	F 01 b	13/00
56, 57	F 01 b	13/04
58	F 01 b	13/06
59	F 01 b	29/04
60	F 01 b	31/14
61	F 01 b	1/02
62, 63	F 01 b	7/00
64	F 01 b	21/02
65	F 01 b	7/10
66	F 01 b	15/00
67	F 01 c	9/00
68	F 01 b	7/04
69	F 01 b	7/02
70, 71	F 01 b	3/00
72	F 01 b	1/00
73, 74	F 01 b	1/02
75	F 01 b	7/02
76	F 01 b	1/00
77	F 01 b	29/00
78–83	F 15 b	21/04
84	F 16 j	1/10
85	F 01 b	11/02
86, 87	F 01 b	31/00
88	F 01 b	29/00
89–105	F 01 b	19/00
	F 16 j	3/00
106–111	F 01 b	31/00
112–115	F 01 b	3/00
116	F 16 j	1/10
117	F 01 b	15/02
118, 119	F 01 b	15/04
120–125	F 01 c	9/00
126, 127	F 01 b	31/00
128	F 01 b	29/00
129	F 16 j	1/10
130–135	F 01 b	31/00
136–140	F 01 b	9/00
141	F 04 b	21/04
142	F 01 b	31/00
143	F 01 b	29/00
144	F 01 b	31/08
145	F 01 b	23/00
146, 147	F 01 b	1/00
148	F 01 b	1/06
149	F 01 b	1/04
150–152	F 01 b	7/00
153–160	F 01 b	31/10
161	F 01 b	29/00
162–164	F 01 b	31/00
165–168	F 16 j	15/18
169, 170	F 01 b	11/02
171	F 16 j	11/04
172	F 16 j	1/00
173, 174	F 01 b	31/00
175	F 16 j	1/00
176	F 01 b	31/08
177	F 16 j	1/00
178	F 16 j	1/02
179, 180	F 01 b	1/10
181–185	F 01 b	31/00
186	F 01 b	31/08
187–191	F 16 j	1/14
192	F 16 j	9/00
193–207	F 16 j	1/06
208–239	F 16 j	1/04
240–246	F 16 j	9/00
247	F 16 j	9/08
248–254	F 16 j	9/00
255–260	F 16 j	1/00
261	F 02 f	7/00

U.S. Class 93

Paper manufactures

(IPC B 31 b)

1	B 31 d	
1.1	B 31 f	5/00
1.3	B 31 d	
	B 31 f	
1.5	A 41 g	1/00
8	B 31 b	1/00
9–10	B 31 b	25/00
11–12	B 31 b	1/28
13	B 31 b	21/00
		31/00
14–20	B 31 b	23/00
		37/00
21	B 31 b	1/14
		1/60
		1/76
22–24	B 31 b	1/60
		1/76
25	B 31 b	1/14
		1/76
26	B 31 b	1/14
		1/60
27	B 31 b	1/00
28–30	B 31 b	1/76
31	B 31 b	
32	B 31 b	1/00
33	B 31 b	1/14
34	B 31 b	1/88
35	B 31 b	49/04
36	B 31 b	1/00
36.01	B 31 b	11/00
36.05–36.2	B 31	10/00
36.3	B 31 b	
36.5	B 31 b	1/00
36.6	B 31 b	17/00
36.7	B 31 b	1/86
36.8	B 31 b	15/00
36.9	B 31 b	1/60
		15/60
37–38	B 31 b	1/00
39–39.3	B 31 b	3/74
		17/74
41, 41.1	B 31 b	1/26
		1/72
		15/26
43	B 31 b	15/00
		17/00
44, 44.1	B 31 b	1/02
45	B 31 b	1/16
46	B 31 b	1/16
		1/64
47	B 31 b	1/14
		1/16
48	B 31 b	1/16
		1/36
49	B 31 b	1/26
50	B 31 b	1/26
		1/64
51	B 31 b	1/44
51.1	B 31 b	1/32
		1/44
52	B 31 b	1/36
53	B 31 b	1/76
		5/00
54–54.3	B 31 b	15/00
55, 55.1	B 31 b	17/00
56	B 31 b	1/72
57	B 31 b	7/00
58–58.4	B 31 b	1/14
58.5	B 31 b	1/24
59	B 31 b	1/28
		1/44
60	B 31 b	3/26
61	B 31 b	1/00
62	B 31 b	21/00
		31/00
63, 64	B 31 b	23/00
		37/00
65	B 31 b	1/32
66	B 31 b	1/52
		1/60
67	B 31 b	1/52
68	B 31 b	1/60
70	B 31 b	1/00
71	B 31 b	1/02
72	B 31 b	1/92
73	B 31 b	1/88
74	B 31 b	1/74
75	B 31 b	1/92
76	B 31 b	1/90
77–78	B 31 c	13/00
79	B 31 c	7/00
80	B 31 c	1/00
81	B 31 c	3/00
82	B 31 b	1/38
83	B 31 c	11/00
84–86	B 31 d	1/00
		5/00
	B 31 f	1/00
		7/00
87–90	B 31 f	
91	D 05	
92	B 31 f	
93	B 65 h	33/00
94	B 31 c	

U.S. Class 94

Roads and pavements

(IPC E 01 c)

1	E 01 c	1/00
1.5	E 01 c	23/16
	E 01 f	9/00
2	E 01 c	5/00
		7/00
		9/00
3	E 04 b	5/00
	E 04 c	1/24
	E 04 f	15/00
4	E 01 c	9/00
5	E 01 c	11/24

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 94—Con.		
6	E 01 c	5/00
		7/00
7, 8	E 01 c	7/00
9	E 01 c	7/18
10	E 01 c	7/10
11	E 01 c	5/00
12	E 01 c	5/08
13 – 16	E 01 c	5/00
17	E 01 c	11/02
18	E 01 c	11/10
19	C 04 b	9/00
		11/00
	E 01 c	7/00
20	C 09 j	3/30
	E 01 c	7/18
21	C 04 b	7/00
22	E 01 c	21/00
23	C 09 j	3/30
	C 10 b	55/00
	C 10 c	3/00
24	C 04 b	7/36
	E 01 c	7/10
25	E 01 c	11/24
26	E 01 c	15/00
27 – 29	E 01 c	17/00
31	E 01 c	11/22
31.1, 31.3	E 01 c	11/22
		11/24
32	E 01 c	11/22
33	E 01 c	11/24
34 – 38	E 02 d	29/14
39	E 01 c	19/00
		21/00
40	E 01 c	19/02
42	E 01 c	19/05
		19/08
		19/10
44	E 01 c	19/12
		19/48
		23/06
45	E 01 c	19/22
		23/16
46	E 01 c	19/48
47	E 01 c	19/15
		19/52
48, 49	E 01 c	19/30
50	E 01 c	19/24
		19/26
		19/28
51	E 01 c	23/02

U.S. Class 95

Photography

(IPC G 03 b)

1	G 03	
1.1	G 03 b	17/24
3, 4	G 03 d	7/00
4.5	B 41 b	13/00
		15/00
		17/00
		19/00
		21/00
		23/00
10	G 01 j	1/00
		1/52
11	G 03 b	19/00
11.5	G 03 b	9/70
12	G 03 b	29/00
12.2	G 03 b	33/00
12.21	G 03 b	33/14
12.5	G 03 b	29/00
13	G 03 b	17/50
14	G 03 b	17/50
15 – 17	G 03 b	37/00
18	G 03 b	35/08
19 – 30	G 03 b	19/10
31 – 34	G 03 b	19/04
36 – 38	G 03 b	19/02
39, 40	G 03 b	17/04
41	G 03 b	17/56
42	G 03 b	19/12
44 – 46	G 03 b	3/00
47	G 03 b	11/04
48	G 03 b	17/02
49	G 03 b	13/24
		17/14
50	G 03 b	5/06
		5/08
51	G 03 b	5/00
		5/02
		5/04
53	G 03 b	9/00
53.3 – 53.6	G 03 b	9/64
54	G 03 b	9/00
55	G 03 b	9/36
56	G 03 b	9/40
57	G 03 b	9/28
58, 59	G 03 b	9/10
60	G 03 b	9/26
61	G 03 b	9/20
62, 63	G 03 b	9/14
64	G 03 b	9/02
65	G 03 b	11/00
66 – 72	G 03 b	17/26
82	G 03 b	15/06
83 – 85	G 03 b	15/00
86	G 03 b	17/56
89	G 03 d	3/00
90	G 03 d	1/02
90.5	G 03 d	1/14
91	G 03 d	1/06
92, 93	G 03 d	3/08
94	G 03 d	3/12
95, 96	G 03 d	1/04
97, 98	G 03 d	3/02
99	G 03 d	3/04
100	G 03 d	3/00
101 – 106	G 03 d	15/00

U.S. Class 96

Photographic chemistry, processes and materials

(IPC G 03 c)

1	G 03 g	
1.1	B 41 m	5/18
		5/20
	G 03 g	13/12
1.2	G 03 g	13/00
1.3	G 03 g	13/00
		13/22
1.4	G 03 g	13/14
1.5 – 1.8	G 03 g	5/00
		7/00
2 – 3	G 03 c	7/00
4	G 03 c	7/24
5 – 9	G 03 c	7/04
10	G 03 c	7/00
11 – 23	G 03 c	7/16
24	G 03 c	7/00
25	G 03 c	7/04
26	G 03 c	7/14
27	G 03 c	5/04
28	G 03 c	11/12
29	G 03 c	5/54
30 – 32	G 03 f	1/00
33	G 03 f	7/02
34	G 03 c	7/00
35 – 36.2	G 03 c	5/00
36.3	G 03 c	5/00
	G 03 f	7/00
36.4 – 37	G 03 c	5/00
38	G 03 f	5/00
		7/24
38.1 – 38.4	G 03 c	5/00
		11/00
39	G 03 c	5/14
40	G 03 c	9/00
41 – 43	G 03 c	5/04
44	G 03 c	5/06
45	G 03 f	5/00
45.1	G 03 c	1/92
45.2	G 03 c	5/32
46 – 47	G 03 c	11/00
48	G 03 c	5/24
49	G 03 c	1/58
		5/22
		5/34
50	G 03 c	5/26
51 – 58	G 03 c	7/00
59	G 03 c	5/50
60	G 03 c	5/32
61	G 03 c	5/38
62	G 03 c	5/24
		5/38
63 – 65	G 03 c	5/24
66 – 66.5	G 03 c	5/30
67 – 74	G 03 c	1/76
		3/00
75	G 03 c	1/52
		1/64
		1/66
76	G 03 c	1/48
77	G 03 c	1/40
78	G 03 c	3/02
79	G 03 c	1/72
80 – 81	G 03 c	1/84
82	G 03 c	1/92
83	G 03 c	1/90
84	G 03 c	1/84
85	G 03 c	1/86
86	G 03 c	1/94
87	G 03 c	1/78
88	G 03 c	1/00
89	G 03 c	1/72
90 – 91	G 03 c	1/52
92	G 03 c	1/64
93	G 03 c	1/66
94	G 03 c	1/02
95	G 03 c	1/06
		1/48
96 – 99	G 03 c	1/10
100	G 03 c	1/40
101	G 03 c	1/36
102 – 103	G 03 c	1/08
104	G 03 c	1/28
105 – 106	G 03 c	1/10
107 – 108	G 03 c	1/28
109	G 03 c	1/34
110, 111	G 03 c	1/30
112 – 114	G 03 c	1/72
115	G 03 c	1/68
116 – 118	G 03 f	5/00
119	G 03 c	
	G 03 g	

U.S. Class 98

Ventilation

(IPC F 24 f)

1	F 24 f	
1.5	B 64 d	13/00
2 – 24	B 60 l	
25 – 28	B 60 j	1/20
29 – 31	F 24 f	7/00
32 – 35	F 24 f	13/00
36	F 24 f	9/00
37 – 43	F 24 f	7/00
		13/00
44	E 06 b	7/04
45 – 48	E 04 f	17/04
	F 23 j	13/00
49	E 01 g	7/02
50	E 21 f	1/00
		3/00
51	A 47 j	47/00
52	A 01 f	25/00
	B 65 g	3/08
	E 04 h	7/22
53	B 63 b	25/02
54 – 55	E 04 h	7/00
		7/22
56, 57	A 01 f	25/00
	B 65 g	3/08
	E 04 h	7/22
58	E 04 f	17/02
	F 23 l	17/02
59	F 23 l	17/02
60	F 23 l	17/02

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 98—Con.		
61	F 23 l	17/02
62,63	F 23 l	17/04
64–75	F 23 l	17/02
76,77	F 23 l	17/06
78–86	F 23 l	17/02
87–100	E 06 b	7/02
101–114	F 24 f	13/00
115	F 23 j	11/00
116	F 04 d	25/08
		25/14
117	F 23 l	13/00
		17/00
118	F 24 f	13/00
119,120	F 23 l	17/00
121	F 24 f	13/08
122	F 23 l	17/02
U.S. Class 99		
Foods and beverages		
(IPC A 23 l)		
1	A 23 l	1/00
	A 23 p	1/00
2	A 23 k	1/00
3	A 01 n	17/14
4	A 23 k	1/00
5	A 23 j	1/18
	A 23 k	1/06
6	A 23 k	1/02
7	A 23 k	1/00
8	A 23 k	3/00
	A 23 l	1/20
9	A 23 k	1/00
10	A 23 k	1/12
11–13	A 23 l	1/30
14	A 23 j	
	A 23 l	
15	A 23 j	7/00
16	A 23 j	
17	A 23 j	1/14
18	A 23 j	
19	A 23 j	1/20
20	A 23 j	1/20
		1/22
		3/02
21	A 23 j	1/06
22	A 23 j	
	A 23 r	1/28
23–26	A 23 g	1/00
27	C 12 c	1/00
28	A 23 l	1/00
29,30	A 23 c	9/12
	C 12 g	
31–32	C 12 c	
33	A 23 l	1/00
34	C 12 f	1/00
	C 12 g	3/12
35	C 12 g	1/00
36–38	C 12	
39–41	C 12 f	
	C 12 g	3/00
42	C 12 b	3/00
	C 12 c	
	C 12 g	
43	C 12 c	1/00
44	C 12 c	11/00
45	C 12	
46	C 12 f	
	C 12 g	3/08
47	C 12 c	11/00
48	C 12 h	
49	C 12 g	1/06
50	C 12 b	3/00
	C 12 c	
	C 12 g	
50.5	C 12 c	9/02
51	C 12 b	3/00
	C 12 c	7/04
52	C 12 c	
53	A 23 l	1/00
54	A 23 c	
55–56	A 23 c	9/00
57	A 23 c	21/00
58	A 23 c	9/10
59	A 23 c	9/12
		17/00
		19/02
60–62	A 23 c	9/00
63–64	A 23 c	11/00
65–67	A 23 f	1/00
68	A 23 f	1/02
69–70	A 23 f	1/00
71	A 23 f	1/08
72–75	A 23 f	1/14
		1/16
76–77	A 23 f	3/00
77.1	A 23 f	
	B 65 b	29/00
78–79	A 23 l	1/00
80	A 23 l	1/10
81–82	A 23 l	1/18
83	A 23 l	1/10
84	A 21 d	13/00
85	A 23 l	1/16
86–89	A 21 d	13/00
90	A 21 d	8/00
		13/02
		13/04
91	A 21 d	2/00
		15/00
92	A 21 d	13/08
93	A 21 d	2/00
		4/00
		6/00
94	A 21 d	
	A 23 l	1/10
95	A 21 d	2/00
96	A 23 j	1/18
	C 12 c	11/00
97	A 23 l	1/28
	C 12 c	11/00
98,99	A 23 l	1/20
100	A 23 l	1/00
101–102	A 23 l	1/06
103	A 23 l	1/00
104	A 23 b	7/02
105	A 23 l	1/02
106	C 12 b	1/02
107	A 22 c	
	A 23 j	
108	A 22 c	
	B 02 c	18/00
109	A 22 c	11/00
	B 02 c	18/00
110	A 23 l	1/44
111	A 22 c	25/00
	A 23 l	1/04
		1/325
		1/33
112	A 23 b	1/28
		1/325
		1/33
	A 23 j	1/04
113	A 23 j	1/08
	A 23 l	1/32
114	A 23 j	3/02
115	A 23 c	19/00
116	A 23 c	19/02
117	A 23 c	19/12
118	A 23 d	
119–120	A 23 c	15/00
121	A 23 c	15/12
122–123	A 23 d	3/00
124	A 23 l	1/34
		1/40
125	A 23 l	1/00
126–127	A 23 b	9/00
	A 23 l	1/34
128	A 23 d	
	A 23 l	1/36
		1/38
129	A 23 l	1/06
130	A 23 j	1/10
131–133	A 23 l	1/04
134–135	A 23 g	3/00
		3/30
136–137	A 23 g	5/00
138	A 23 g	
139	A 23 g	
	A 23 l	
140	A 23 l	1/22
141	A 23 l	1/22
		1/26
142	A 23 l	1/08
		1/26
	C 13 k	1/00
143	A 23 l	1/22
144,145	A 23 l	1/22
146	A 23 l	1/08
147	C 12 j	1/00
148	A 23 l	1/26
		1/27
149	A 23 c	5/00
	A 23 l	1/00
150	A 23 l	3/00
151	A 23 c	3/00
		9/00
152	A 23 f	1/06
153	A 23 b	9/00
154	A 23 b	7/00
155	A 23 l	3/00
156	A 23 b	7/00
157	A 23 b	1/00
158	A 23 b	3/00
159	A 23 b	1/02
160	A 23 b	3/02
161	A 23 b	5/00
162	A 23 c	19/00
	A 23 l	3/00
163	A 23 d	3/04
		5/04
	C 11 b	5/00
164	A 23 c	15/00
165	A 23 b	
	A 23 l	3/00
	B 65 b	31/00
166	A 23 b	
	B 65 b	33/00
167	A 23 f	1/06
168	A 23 b	7/00
169	A 23 b	1/00
170	A 23 b	5/00
171	B 65 b	
172	B 65 b	25/16
173	B 65 b	25/18
174	B 65 b	25/06
175	A 23 l	3/00
	B 65 b	23/00
176	A 22 c	13/00
177	A 23 b	5/00
	B 65 b	23/02
178	A 01 j	27/00
	A 23 c	19/00
	B 65 b	25/06
179	A 23 c	15/00
	B 65 b	23/00
180	A 23 g	3/00
	B 65 b	23/00
181	B 65 b	
182	A 23 b	
	B 65 b	25/00
183	A 23 c	9/00
	A 23 l	3/00
	B 65 b	25/00
184–185	A 23 c	3/02
	B 65 b	25/00
186	A 23 b	7/00
187	A 23 b	1/00
188	A 23 b	3/00
189	A 23	
	B 65 b	31/00
190	A 23	
	B 65 b	55/009
		55/22
191	A 23 b	5/00
	B 65 b	55/00
		55/02
192	A 23	
193	A 23 b	7/04
194	A 23 b	1/00
		1/06
195	A 23 b	3/06
196	A 23 b	5/04
197–198	A 23	
199	A 23	

U.S. Class 99—Con.

U.S. Subclass	IPC Subclass	Notation
	B 01 d	1/00
200 – 203	A 23 c	1/00
		9/00
	B 01 d	1/00
204 – 206	A 23 b	7/02
207	A 23 b	7/03
	A 23 l	1/12
208	A 23 b	1/04
209	A 23 b	3/04
210	A 23 b	5/02
211	A 23 l	3/00
	B 65 b	55/00
	C 12 h	1/00
212 – 213	A 23 c	3/00
		9/00
214	A 23 l	3/02
	B 65 b	55/00
	C 12 h	1/00
		1/20
215 – 216	A 23	
	B 65 b	55/00
217	A 23	
	B 65 b	55/02
218	A 23	
	B 65 b	55/08
		55/16
219, 220	A 23 l	3/00
	B 65 b	55/02
221	A 23	
	A 23 l	3/32
222 – 228	A 23	
	A 23 l	3/34
229	A 23 b	1/04
		3/04
230	A 23 l	3/34
231	A 23 b	
	A 23 l	
232	A 21 d	2/00
233	A 23 l	3/22
234	A 01 j	
	A 01 k	
	A 21 b	
	A 21 c	
	A 23	
	A 47 j	
	B 65 b	
	C 11	
	C 12	
235	A 01 f	
	A 23 k	
236	A 23 f	3/04
	A 23 g	1/02
	A 47 j	31/00
237	A 23 b	9/00
	A 23 l	1/10
238 – 238.7	A 23 l	1/18
239 – 240	A 23 b	7/00
	A 23 l	3/00
	B 65 d	
241 – 242	A 23 l	
	B 65 b	23/00
	B 65 d	
243	A 23 c	19/00
	B 65 b	23/00
244	A 23 c	
	A 23 d	
	C 11 b	
245	C 12 j	1/10
246	A 23 b	5/02
	A 23 c	1/00
	A 23 l	3/00
	B 65 d	9/00
249 – 253	A 23	
	B 65 b	55/06
254 – 257	A 23 b	
	A 23 l	3/34
258	A 23	
259 – 262	A 23 b	
263	A 23 b	
269	A 47 j	47/02
	B 65 d	1/00
270	A 23 l	3/00
	B 65 b	31/00
271	A 23 c	3/00
	A 47 j	47/02
272 – 273	B 65 b	31/00
274	A 23	
	H 05 b	
275	A 23 f	
	A 23 l	1/00
	C 12	
276	C 12	
277	C 12 f	
	C 12 g	
277.1 – 277.2	C 12 f	
	C 12 g	
	C 12 h	1/22
278	C 12 b	
	C 12 c	
279 – 322	A 23 f	
	A 47 j	31/00
323	A 47 g	19/14
	A 47 j	31/00
324 – 326	A 23	
	A 47 j	27/00
327 – 328	A 23	
	A 47 j	27/62
329 – 330	A 23	
	A 47 j	27/00
331 – 333	A 23	
	A 47 j	27/62
334 – 335	A 23	
	A 47 j	
336	A 47 j	29/02
		31/12
337 – 344	A 23	
	A 47 j	
345 – 347	A 47 j	27/52
		37/10
348 – 357	A 23	
	A 47 j	
358	H 05 b	
359 – 371	A 23 l	3/00
372 – 377	A 47 j	
378	H 05 b	
379 – 384	A 47 j	
385 – 402	A 47 j	37/08
	H 05 b	
403 – 418	A 47 j	37/12
419 – 421	A 47 j	37/04
422 – 425	A 47 j	37/10
426 – 442	A 22 c	7/00
	A 23 p	1/00
	A 47 j	43/18
443	A 23 l	3/00
444 – 446	A 47 j	27/00
447 – 450	A 47 j	

U.S. Class 100

Presses

(IPC B 65 b)

U.S. Subclass	IPC Subclass	Notation
1	B 65 b	13/00
2, 3	B 65 b	13/02
4	B 65 b	57/10
	G 05 d	15/00
5	B 65 b	63/04
6, 7	B 65 b	13/00
8	A 01 f	15/14
	B 30 b	9/30
9	B 65 b	13/30
10	B 65 b	13/16
11	B 65 b	13/18
12	B 65 b	27/06
13	B 65 b	13/10
14	B 65 b	13/00
15, 16	B 65 b	13/02
17	B 65 b	13/18
18	B 65 b	13/02
19	B 65 b	13/06
20 – 22	B 65 b	13/08
23	B 65 b	13/24
24	B 65 b	13/04
25	B 65 b	13/04
		13/06
26	B 65 b	13/04
27, 28	B 65 b	13/10
29, 30	B 65 b	13/24
31	B 65 b	13/28
32	B 65 b	13/22
33	B 65 b	13/34
34	B 65 b	13/18
35	B 30 b	13/00
36	A 01 j	25/12
37	A 47 j	19/02
	B 30 b	9/02
38	B 30 b	15/34
39, 40	B 30 b	13/00
41	B 30 b	11/22
42	B 30 b	7/04
43	B 30 b	15/26
44	B 30 b	15/14
		15/16
45	B 30 b	15/30
46	B 30 b	15/24
47 – 50	B 30 b	15/14
		15/16
51	B 30 b	15/14
52	B 30 b	15/16
53	B 67 b	3/26
54	B 65 b	7/28
	B 67 b	
55	B 65 b	43/42
56	B 67 b	3/22
57	B 65 b	1/00
58	B 67 b	1/08
59	B 65 b	7/28
60	B 67 b	3/08
61 – 64	B 67 b	3/02
65	A 01 f	25/16
	B 65 g	3/04
66	B 65 g	3/10
67 – 69	B 65 g	3/04
70	B 30 b	9/00
71 – 73	B 30 b	15/30
74	B 30 b	15/20
75	B 30 b	15/30
76, 77	B 30 b	9/00
	B 31 d	5/02
78	B 30 b	9/28
79	B 30 b	15/08
80	B 30 b	9/00
	B 31 d	5/02
		5/04
81, 82	B 30 b	9/00
83	B 30 b	3/00
84	B 30 b	15/30
85	B 30 b	9/00
		15/00
86	B 30 b	3/04
87	B 30 b	5/04
		9/00
88	B 30 b	5/06
		9/00
89	B 30 b	3/04
90	B 30 b	9/00
91	B 02 c	
	B 30 b	9/00
92	B 02 c	11/08
	B 30 b	15/34
	F 26 b	17/18
93	B 02 c	11/08
	B 30 b	15/34
94 – 96	B 30 b	9/00
97	B 30 b	15/08
98	B 30 b	9/00
99	B 30 b	15/00
	G 01	
	G 08	
100	B 30 b	15/00
101	A 23 p	1/00
	B 65 b	49/00
102, 103	B 30 b	
104 – 109	B 30 b	9/02
110 – 116	B 30 b	9/06
117	B 30 b	9/12
		9/14
		9/16
		9/18
118 – 120	B 30 b	9/24
121	B 30 b	9/20
122, 123	B 30 b	9/06
124	B 30 b	9/26
125	B 30 b	9/02
126	B 30 b	9/04
127 – 129	B 30 b	9/06
130	B 30 b	9/26

U.S. Subclass	IPC Subclass	Notation
U.S. Class 100—Con.		
131–135	B 30 b	9/02
		15/00
136	F 16 p	1/02
137–139	B 30 b	7/00
140–142	B 30 b	15/20
143	B 30 b	7/02
144	B 30 b	
145	B 30 b	3/00
146	B 30 b	3/04
147–149	B 30 b	15/00
150	B 30 b	3/02
151, 152	B 30 b	5/04
153	B 30 b	3/00
154	B 30 b	5/04
155	B 30 b	3/00
156	B 30 b	3/02
157	B 30 b	3/06
158–176	B 30 b	3/04
177, 178	B 30 b	5/00
179–193	B 30 b	1/00
194–202	B 30 b	7/02
203–205	B 30 b	7/00
206	B 30 b	7/02
207	B 30 b	15/30
		15/32
208, 209	B 30 b	15/14
		15/16
210	B 30 b	3/02
211	B 30 b	5/02
212	B 30 b	5/04
213	B 30 b	9/02
214	B 30 b	1/00
215–217	B 30 b	15/30
218	B 30 b	15/32
219	B 30 b	15/10
220	B 30 b	15/00
221–225	B 30 b	15/02
226, 227	B 30 b	1/00
228	B 30 b	1/02
229	B 30 b	15/06
230	B 30 b	1/00
231	B 30 b	1/18
232	B 30 b	7/04
233–237	B 30 b	7/00
238–255	B 30 b	5/00
256	B 30 b	15/00
257–259	B 30 b	5/00
260	B 30 b	15/00
261–264	B 30 b	5/00
265–268	B 30 b	1/00
269	B 30 b	1/32
270, 271	B 30 b	1/08
272	B 30 b	1/16
273	B 30 b	15/20
274–277	B 30 b	15/14
		15/18
278, 279	B 30 b	5/00
280	B 30 b	1/02
		1/10
		1/18
		1/24
		1/26
		1/30
		1/32
		1/40
281	B 30 b	1/10
282	B 30 b	1/06
283	B 30 b	1/02
284	B 30 b	1/00
285	B 30 b	1/02
286	B 30 b	1/10
287	B 30 b	1/14
288	B 30 b	1/22
289, 290	B 30 b	1/18
291	B 30 b	1/26
		1/40
292	B 30 b	1/26
293	B 30 b	1/02
294	B 30 b	1/00
295, 296	B 30 b	15/06
298	A 23 p	1/00
299	B 30 b	

U.S. Subclass	IPC Subclass	Notation
U.S. Class 101		
Printing		
(IPC B 41 f)		
1	B 41 f	
2	B 41 f	
3–27	B 44 b	5/00
28–31	B 44 b	5/02
32	B 44 c	1/24
33	B 41 d	7/00
34	B 41 c	1/06
35–37	B 41 f	17/00
38–40	B 41 f	17/08
41–44	B 41 f	17/00
45	B 41 j	
	B 41 l	
46	B 41 j	3/44
47	B 41 l	45/00
48–51	B 41 l	47/06
52, 53	B 41 l	47/46
54	B 41 l	45/08
55, 56	B 41 l	47/46
57	B 41 l	47/46
58	B 41 l	47/24
59	B 41 l	47/46
60, 61	B 41 l	45/08
62	B 41 l	47/02
63–65	B 41 l	47/10
66–70	B 41 j	
	B 41 k	
	B 41 l	45/00
71	B 41 k	
72–89	B 41 j	
	B 41 l	45/00
90	B 41 l	
91, 92	B 41 l	47/46
93–102	B 41 j	
103–108	B 41 j	27/00
109–112	B 41 j	1/60
113	B 41 l	15/00
114	B 41 f	15/00
	B 41 l	13/00
115	B 41 f	15/04
116	B 41 l	13/04
117	B 41 l	13/14
118–120	B 41 l	13/00
121, 122	B 41 l	13/08
123, 124	B 41 l	27/00
125	B 41 l	27/26
126–128.1	B 41 l	13/00
128.2, 128.3	B 41 n	1/24
128.4	B 41 c	1/14
129	B 41 m	1/12
130	B 41 f	7/00
	B 41 l	7/00
		9/00
		11/00
131, 131.5	B 41 l	
132	B 41 l	9/10
		11/08
132.5	B 41 l	11/08
133, 134	B 41 l	11/06
134.5	B 41 l	11/02
135–141	B 41 f	
	B 41 l	
142–144	B 41 f	9/00
145	B 41 l	9/10
146	B 41 l	9/04
147, 148	B 41 l	23/00
		25/00
150, 151	B 41 f	
152	B 41 f	9/02
153, 154	B 41 f	9/00
155	B 41 f	9/08
156	B 41 f	9/14
157	B 41 f	9/10
158–162	B 41 f	3/36
163–166	B 41 f	1/00
167–169	B 41 f	
170	B 41 m	1/10
171	B 41 f	
172	B 41 f	17/10
173	B 41 f	3/42
		3/44
		5/16
174–185	B 41 f	5/16

U.S. Subclass	IPC Subclass	Notation
		5/18
186–192	B 41 f	3/42
		3/44
193	B 41 f	1/00
194, 195	B 41 f	1/04
196–199	B 41 f	1/08
		1/10
200	B 41 f	1/14
201	B 41 f	13/52
202–210	B 41 f	1/40
		31/00
211	B 41 m	1/14
212	B 41 f	5/00
		7/00
		13/00
213	B 41 f	17/06
214, 215	B 41 f	11/00
216	B 41 f	5/00
217, 218	B 41 f	7/02
219–223	B 41 f	5/04
		13/02
224–227	B 41 f	13/56
228	B 41 f	13/54
229–231	B 41 f	5/02
232–237	B 41 f	13/24
238–241	B 41 f	13/64
242	B 41 f	33/00
243, 244	B 41 f	31/00
245	B 41 f	13/24
246	B 41 f	21/00
247, 248	B 41 f	13/24
249	B 41 f	29/00
250	B 41 f	3/00
251, 252	B 41 f	3/34
253, 254	B 41 f	3/44
255	B 41 f	3/00
259	B 41 f	3/00
260, 261	B 41 f	3/20
262–267	B 41 f	3/40
268	B 41 f	3/60
269–274	B 41 f	3/04
277, 278	B 41 f	3/14
279, 280	B 41 f	3/00
279–280	B 65 h	
281	B 41 f	31/00
282–286	B 41 f	3/58
287	B 41 f	1/00
288	B 41 f	1/08
289, 290	B 41 f	1/10
291–295	B 41 f	1/08
296	B 41 f	1/20
297–315	B 41 f	1/04
316–321	B 41 f	1/06
322, 323	B 41 f	1/00
324	B 41 f	1/40
325, 326	B 41 f	1/46
327	B 41 f	31/00
	B 41 k	1/38
328–331	B 41 f	5/00
		7/00
		9/00
		11/00
	B 41 k	1/22
332	B 41 f	1/44
	B 41 k	1/48
333, 334	B 41 k	1/42
335	B 41 f	31/00
	B 41 k	1/38
	B 41 l	27/00
336	B 41 f	31/16
	B 41 k	1/48
	B 41 l	27/18
337	B 41 f	31/00
338–347	B 41 f	1/40
348	B 41 f	1/46
		31/14
	B 41 l	27/16
349–358	B 41 f	31/00
359–362	B 41 f	31/14
363	B 41 f	1/46
364–367	B 41 f	31/02
368	B 41 l	47/02
	B 41 m	
369, 370	B 41 l	47/02
371	B 41 k	
372, 373	B 41 f	17/00
374	B 41 f	13/46

U.S. Class 101—Con.

U.S. Subclass	IPC Subclass	IPC Notation
375	B 41 f	13/10
376–378	B 41 f	13/10
		27/06
379–381	B 41 f	
	B 41 k	
	B 41 l	
382–389	B 41 f	27/00
390–394	B 41 b	1/18
395	B 41 n	1/00
396, 397	B 41 b	1/02
398, 399	B 41 b	1/00
400	B 41 b	1/14
401	B 41 b	1/02
	B 41 n	
401.1	B 41 c	
	B 41 n	
401.2	B 41 d	
	B 41 n	11/00
401.3	B 41 l	37/00
	B 41 m	9/00
401.4	B 41 b	1/02
401.5	B 41 b	
	B 41 d	
401.6	B 41 b	5/00
402, 403	B 41 b	1/04
404	B 41 b	1/20
405, 406	B 41 k	1/56
407	B 41 f	1/28
		21/00
408	B 41 f	1/30
	B 41 l	21/06
409–412	B 41 f	1/30
		21/00
413–415.1	B 41 f	1/28
		21/00
	B 41 l	21/00
416–422	B 41 f	
	B 41 l	
423–425	B 41 f	35/00
	B 41 l	41/00
426	B 41 c	
	B 41 m	
	B 41 n	
450–452	B 41 m	1/00
453	B 41 n	1/00
		3/00
454–462	B 41 n	1/00
		3/00
463–467	B 41 m	5/00
	B 41 n	3/00
468–473	B 41 m	5/00

U.S. Class 102

Ammunition and explosive devices

(IPC F 42 b)

U.S. Subclass	IPC Subclass	IPC Notation
1	F 42 b	
	F 42 c	
	F 42 d	
2	F 42 b	25/00
3	F 42 b	25/06
		25/24
4	F 42 b	25/02
5	F 42 b	25/00
6	F 42 b	25/12
		25/14
7	F 42 b	21/20
		21/44
7.2	F 42 b	25/00
7.4	F 42 c	1/14
7.6	F 42 b	25/18
8	B 63 f	
	F 42 b	21/00
		23/00
9	F 42 b	
10	B 63 f	3/00
	F 42 b	21/00
11–12	B 63 f	3/14
		21/14
	F 42 b	21/14
13	B 63 f	3/02
14	B 63 f	3/08
		3/10
	F 42 b	21/12
		21/30
15	B 63 f	3/16
		3/18
		21/52
16	F 42 b	21/34
	F 42 c	15/10
17	F 42 b	21/06
		21/40
	F 42 c	1/04
18	F 42 b	21/38
		21/48
19	F 42 b	23/00
19.2	F 42 b	23/26
20–21.8	E 21 b	43/26
	F 42 c	3/00
22	F 42 b	3/00
	F 42 d	3/00
23	C 06 c	13/00
	F 42 d	1/00
		3/00
24	C 06 c	11/00
	F 42 b	1/02
		3/00
25	F 42 b	3/18
26	C 06 c	11/00
	F 42 b	3/00
27	C 06 c	5/00
	F 42 b	3/10
28	C 06 c	3/00
	F 42 b	11/00
29	C 06 c	7/00
30	C 06 d	13/02
31	C 06 d	1/00
	F 42 b	13/40
	F 42 d	7/00
32	C 06 d	1/00
	F 42 b	
33	C 06 d	1/06
34	C 06 d	1/04
	F 42 b	15/00
34.1–34.5	C 06 d	1/04
	F 42 b	15/00
35–35.6	F 42 b	13/38
		25/04
37	A 63 h	23/12
37.1–37.7	C 06 d	1/04
37.8	C 06 d	1/10
38	E 21 b	43/06
	F 42 b	5/02
		9/00
		9/02
39	F 42 b	3/04
		5/20
		9/18
		9/22
		13/46
40	F 42 b	9/00
41	F 42 b	5/14
		11/18
		13/16
		13/36
42	F 42 b	7/00
		9/16
43	F 42 b	5/04
		5/06
		5/26
		7/06
		9/26
44–45	F 42 b	5/26
46	F 42 b	9/08
48	F 42 b	13/54
49.1–49.2	F 42 b	5/10
		9/10
		13/28
49.3–49.7	F 42 b	15/10
49.8	F 42 b	5/18
52	F 42 b	11/14
		13/04
		15/26
53	F 42 b	15/22
54	F 42 b	15/20
		15/22
55	F 42 b	13/00
56	F 42 b	11/22
		13/02
		13/12
57–59	F 42 b	13/02
60	F 42 b	13/34
		13/40
61	F 42 b	13/50
62	F 42 b	13/02
63	F 42 b	13/56
64	F 42 b	11/42
		27/00
65	F 42 b	27/04
		27/06
65.2	F 42 b	11/42
65.4	F 42 b	27/08
66	F 42 b	13/14
		13/44
67	F 42 b	13/48
68	F 42 b	13/48
		13/50
69	F 42 b	13/50
70	F 42 c	
70.2	F 42 b	5/08
		9/08
		21/38
	F 42 c	13/00
71–72	F 42 c	9/00
73–74	F 42 c	1/00
75	F 42 c	1/08
		1/12
76	F 42 c	15/00
77	F 42 c	7/00
78	F 42 c	1/04
		15/24
79	F 42 c	15/22
		15/24
80	F 42 c	15/26
81	F 42 c	5/00
		15/00
81.2, 81.6	F 42 c	15/00
82	F 42 c	9/00
83	F 42 c	9/02
84	F 42 c	9/04
85–86	F 42 c	9/00
86.2	E 21 b	43/26
86.5	C 06 c	7/00
	F 42 c	19/08
87	F 42 b	11/16
		13/34
		13/40
		13/42
88	F 42 b	13/00
89	F 42 b	13/56
		15/06
90	F 42 b	11/24
		13/14
		13/44
		13/46
91	F 42 b	11/10
92	F 42 b	5/12
		11/30
		13/46
		13/54
		31/02
92.1–92.6	F 42 b	11/00
		13/00
92.7	F 42 b	11/18
		13/18
		13/20
		13/26
		13/42
93–94	F 42 b	13/16
		31/00
95	F 42 b	5/00
		7/08
		9/00
97	F 42 b	9/24
99–104	F 42 b	1/00
		5/16
		9/14
105	F 42 b	11/00
		13/00

U.S. Subclass	IPC Subclass	Notation
U.S. Class 103		
Pumps		
(IPC F 04 b)		
1	F 04 b	19/00
2	F 04 b	13/02
3	F 04 b	19/00
	F 04 d	29/50
4, 5	F 04 b	23/04
6 – 9	F 04 b	13/02
		19/06
	F 04 d	31/00
10	F 04 b	19/00
11 – 13	F 04 b	49/00
	F 04 d	15/00
14	F 04 b	49/04
	F 04 d	15/00
15 – 17	F 04 b	49/00
	F 04 d	15/00
18	F 04 b	49/04
	F 04 d	15/00
19 – 21	F 04 b	49/00
	F 04 d	15/00
22 – 34	F 04 b	49/02
	F 04 d	15/00
35 – 41	F 04 b	49/00
	F 04 d	15/00
42	F 04 b	49/08
	F 04 d	15/00
43	F 04 b	17/00
44	F 04 b	9/10
45	F 04 b	17/00
46	F 04 b	47/00
47 – 71	F 04 b	17/00
60 – 71	F 04 b	17/00
72 – 74	F 04 b	19/14
75, 76	F 04 f	7/00
77 – 79	F 04 f	7/02
80, 81	F 04 d	33/00
82	F 04 b	19/08
83	F 04 d	11/00
84	F 04 b	19/16
85, 86	F 04 d	11/00
87	F 04 d	13/02
88	F 04 d	13/12
89	F 04 d	3/02
90	F 04 d	3/02
		13/00
91 – 94	F 04 d	3/02
95	F 04 d	5/00
96	F 04 d	1/00
97	F 04 d	15/00
98	F 04 d	29/44
99 – 101	F 04 d	1/14
102	F 04 d	1/00
		13/00
103 – 105	F 04 d	1/00
106	F 04 d	1/10
107	F 04 d	1/00
108, 109	F 04 d	1/06
110	F 04 d	1/08
111	F 04 d	29/00
112	F 04 d	29/66
113	F 04 d	9/00
114	F 04 d	29/02
115	F 04 d	29/18
116	F 04 c	
	F 04 d	
117	F 04 c	
118	F 04 c	15/00
119	F 04 c	13/00
120	F 04 c	15/04
121 – 125	F 04 c	1/00
		3/00
129 – 144	F 04 c	1/00
		3/00
145 – 147	F 04 c	9/00
148	F 04 b	43/00
149	F 04 b	43/08
152	F 04 b	17/00
		43/00
153	F 04 b	19/22
154	F 02 m	
	F 04 b	15/00
		19/22
155, 156	F 04 b	47/00
157	F 04 b	7/06
		19/22
158 – 160	F 04 b	19/02
161	F 04 b	1/10
162	F 04 b	1/02
163	F 04 b	7/00
164, 165	F 04 b	19/22
166	F 04 b	3/00
166.5	F 04 b	7/04
167	F 04 b	1/00
		3/00
168	F 04 b	1/00
		3/00
		5/00
169 – 172	F 04 b	1/00
173	F 04 b	1/14
174	F 04 b	1/04
175	F 04 b	19/22
176, 177	F 04 b	1/00
178 – 193	F 04 b	21/04
194 – 201	F 04 b	3/00
		21/04
202 – 204	F 04 b	21/00
205	F 04 b	9/00
206	F 04 b	47/14
207	F 04 b	9/02
208	F 04 b	9/02
		9/14
209, 210	F 04 b	9/02
211	F 04 b	9/06
212	F 04 b	9/02
213	F 04 b	9/04
214, 215	F 04 b	9/02
216, 217	F 04 b	21/08
218	F 04 b	21/00
219	F 04 b	47/00
220	F 04 b	21/06
221	F 04 b	21/00
223, 224	F 04 b	11/00
225	F 04 b	21/04
226	F 04 b	9/00
227	F 04 b	7/00
228	F 04 b	21/02
229	F 04 b	21/06
230	F 04 b	21/02
231	F 04 f	1/00
		5/00
231.5	F 04 b	19/24
	F 04 f	1/18
232	F 04 f	1/00
233	F 04 f	1/12
234	F 04 f	1/06
235	F 04 f	1/02
236	F 04 f	3/00
237	F 04 f	1/06
238	F 04 f	1/10
239	F 04 f	1/12
240 – 248	F 04 f	1/06
249	F 04 f	1/16
250	F 04 f	7/00
251	F 04 f	1/16
		3/00
252 – 257	F 04 f	1/04
258 – 261	F 04 f	5/00
262	F 04 f	5/10
263 – 265	F 04 f	5/24
266	F 04 f	5/24
		5/46
267	F 04 f	5/26
268 – 270	F 04 f	5/24
		5/48
271 – 276	F 04 f	5/48
277, 278	F 04 f	5/44
U.S. Class 104		
Railways		
(IPC B 61 b)		
1	B 61 b	
2	E 01 b	
3	E 01 b	29/02
4	E 01 b	33/02
5, 6	E 01 b	29/02
		29/05
		29/06
		29/16
7	E 01 b	27/17
		29/04
		29/16
8	E 01 b	27/17
		29/16
		33/00
9	E 01 b	29/06
10 – 14	E 01 b	27/00
15	E 01 b	11/44
		31/18
16, 17	E 01 b	29/24
18 – 21	B 61 k	1/00
22	A 63 g	1/00
	B 61 d	15/00
	B 64 b	1/50
23	A 63 g	1/00
	B 61 d	15/00
	B 64 f	3/00
24	B 60 k	9/00
25	A 63 g	1/00
26	B 61 b	1/00
27 – 31	B 61 b	1/00
	E 01 f	1/00
32, 33	B 61 k	5/00
34	B 60 d	
	B 61 c	
	B 61 k	11/00
35 – 43	B 60 s	13/02
	B 61 j	1/00
44	B 60 s	13/02
45 – 47	B 61 j	1/00
48 – 50	B 60 s	13/02
	B 61 j	1/10
		1/12
51	E 04 h	6/00
52	E 04 h	6/00
53 – 86	A 63 g	1/00
		7/00
		21/00
		29/00
87	B 61 b	15/00
88	B 61 j	3/00
	B 61 k	1/00
89 – 95	B 61 b	3/00
	E 01 b	25/22
96 – 105	B 61 b	3/00
	B 61 j	1/06
	E 01 b	25/22
106 – 111	E 01 b	25/22
112 – 117	B 61 b	7/00
	E 01 b	25/14
		25/16
118 – 121	B 61 b	13/04
	E 01 b	25/08
122	B 61 b	3/00
	B 61 d	47/00
123, 124	E 01 b	25/14
		25/16
		25/22
125	E 01 b	25/00
	E 04 h	12/00
126	E 01 b	23/00
		25/00
127 – 129	B 61 b	3/00
		5/00
		15/00
130 – 132	E 01 b	25/06
		25/12
		25/20
		25/26
133	B 61 d	49/00
	B 61 f	19/00
134 – 136	A 63 g	21/00
137	B 61 b	13/00
138	B 61 b	13/10
139	B 61 f	13/00
140 – 146	B 60 m	1/34
	E 01 b	5/00
147 – 164	B 60 m	
	B 61 b	13/00
165 – 172	B 61 b	13/00
173 – 201	B 61 b	7/00
		9/00
	B 61 j	3/06

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 104—Con.		
202–239	B 61 b	7/20
240	B 61 b	7/00
	B 07 b	
241	A 62 b	35/00
	B 61 k	13/00
242–248	B 61 f	9/00
	B 61 k	5/00
249–260	B 61 k	7/00
261	B 61 f	11/00
262–274	B 61 k	5/00
275–277	B 61 k	13/00
	E 01 b	7/28
279	B 61 f	19/00
280	B 61 f	19/06
U.S. Class 105		
Railway rolling stock		
(IPC B 61 d)		
1–7	B 61 d	17/00
8–25	B 60 d	5/00
	B 61 d	17/14
		17/20
26	B 61 c	1/00
		17/00
26.1–34	B 61 c	11/00
		13/00
	B 61 d	15/12
35, 36	B 61 c	3/00
		7/04
37–48	B 61 c	1/00
49–61	B 61 c	3/00
61.5–66	B 61 c	5/00
		7/00
67–72	A 63 h	19/04
73–85	B 61 c	11/00
		15/00
86–95	B 61 d	15/08
93–132.1	B 61 c	9/00
133–140	B 61 c	1/00
		7/00
		17/00
141–147	B 61 b	13/04
	B 61 c	13/00
148–156	B 61 b	3/00
		7/00
		11/00
	B 61 c	13/00
157–181	B 61 d	1/00
		15/00
	B 61 f	1/00
		11/00
		13/00
182–208.2	B 61 f	3/00
		5/00
209–217	B 61 f	1/00
		5/04
		7/00
		13/00
218–225	B 61 f	5/26
		15/00
226–230	B 61 f	1/00
		5/16
231	B 61 c	17/00
	B 61 d	5/00
		15/00
	B 61 k	11/00
238	B 61 d	
239–313	B 61 d	3/00
		7/00
		9/00
314–354	B 61 d	1/00
		13/00
		17/00
		37/00
355	B 61 d	3/00
		5/00
		11/00
356	B 61 d	15/00
357	B 61 d	17/00
358–362	B 61 d	5/00
363	B 61 d	17/00
364	B 61 d	11/00
365	B 61 b	13/00
	B 61 d	15/00
366	B 61 d	17/00
367	B 61 d	3/16
368	B 65 j	1/22
369	B 61 d	45/00
370–372	B 61 d	3/06
373	B 61 d	3/02
374	B 61 d	45/00
375	B 61 d	3/00
		17/10
376	B 61 d	17/00
377	B 61 d	39/00
378, 379	B 61 d	17/00
380–392	B 61 d	3/08
392.5	B 61 d	15/06
393–395	B 61 d	3/00
		15/04
		17/00
396–421	B 61 d	17/00
		25/00
422	B 61 d	17/10
423	B 61 d	17/18
424	B 61 d	17/00
425–436	B 61 d	47/00
437, 438	B 61 d	19/00
		23/00
	B 61 k	13/00
439–442	B 61 d	33/00
	B 61 k	1/00
		13/00
443–450	B 61 d	23/00
	B 61 k	13/00
451	B 61 d	27/00
452	B 61 d	17/00
453	B 61 f	1/00
		5/00
454, 455	B 61 d	3/00
		15/00
456–461	B 61 c	17/04
	B 61 d	49/00
	B 61 k	13/00
462	B 61 j	3/10
U.S. Class 106		
Compositions, coating or plastic		
(IPC C 09 d)		
1	C 09 d	5/00
		5/10
	C 23 c	3/00
		5/00
		7/00
2	C 09 d	5/20
	C 09 k	3/00
		3/18
3	C 08 h	
	C 09 d	
	C 09 g	
4	C 08 h	7/00
	C 09 d	3/02
	C 09 f	
	C 09 g	
5	C 09 f	
	C 09 g	
6	C 09 f	
	C 09 g	1/10
7	C 09 d	3/42
	C 09 g	1/10
8, 9	C 08 h	9/00
	C 09 f	
	C 09 g	
10	C 08 h	9/06
	C 09 f	
	C 09 g	1/08
11	C 08 h	9/00
	C 09 f	
	C 09 g	
12, 13	C 09 k	3/00
14	C 09 d	5/08
14.5	C 09 k	3/00
15	C 09 d	5/14
		5/16
		5/18
	C 09 k	3/28
16	C 09 d	3/40
		5/14
		5/16
17	C 09 d	3/00
		3/26
		3/42
		5/14
		5/16
		5/18
18	C 09 d	5/14
		5/16
		5/18
19	C 09 d	11/00
		13/00
20	C 09 d	11/00
		11/02
		11/16
21–23	C 09 d	11/00
24	C 09 d	11/04
25, 26	C 09 d	11/14
27–29	C 09 d	11/06
30	C 09 d	11/08
31	C 09 d	11/12
32	C 09 d	11/00
32.5	C 09 k	3/00
33	C 09 k	3/10
		3/12
34, 35	C 09 k	3/00
36	C 09 k	3/14
		3/18
37, 38	C 09 k	3/00
38.2, 38.22	B 28 b	7/36
	C 04 b	35/68
38.23	B 28 b	7/36
		7/38
	C 04 b	35/68
	C 08 b	21/00
		23/00
		25/00
38.24	B 28 b	7/36
		7/38
	C 04 b	35/68
	C 08 h	9/00
	C 09 d	3/26
38.25	B 28 b	7/36
		7/38
	C 04 b	35/68
	C 08 h	9/00
		9/06
		13/00
	C 09 d	3/26
38.27	B 28 b	7/36
		7/38
	C 04 b	35/68
38.28	B 28 b	7/28
		7/34
	C 09 d	1/02
38.3	B 28 b	7/28
		7/34
	C 04 b	15/16
		31/00
		35/68
	C 09 d	1/02
38.35	B 28 b	7/28
		7/34
38.4	B 28 b	7/28
		7/34
	C 04 b	35/68
	C 09 d	3/02
38.5	B 28 b	7/28
		7/34
	C 04 b	35/68
	C 08 b	21/00
		25/00
	C 09 d	3/10
38.6	B 28 b	7/28
		7/34
	C 04 b	35/68
	C 08 h	11/00
	C 09 d	3/40
38.7	B 28 b	7/28
		7/34
	C 08 b	35/68
	C 08 h	9/00
38.8	B 28 b	7/28

U.S. Class 106—Con.

U.S. Subclass	IPC Subclass	IPC Notation
		7/34
	C 08 h	9/06
		13/00
	C 09 d	3/24
38.9	B 28 b	7/28
		7/34
	C 08 h	17/24
39–41	C 04 b	33/00
		35/00
42	C 04 b	35/00
		35/24
43	C 04 b	35/52
		35/70
44	C 04 b	35/14
		35/70
45	C 04 b	33/00
		33/24
46	C 04 b	33/26
47	C 03 c	3/00
		5/00
		7/00
		9/00
		13/00
48, 49	C 03 c	5/02
50, 51	C 03 c	13/00
52	C 03 c	3/04
53	C 03 c	3/04
		3/10
54	C 03 c	3/04
		3/08
55	C 04 b	35/66
		35/68
		35/70
56	C 04 b	35/52
57	C 04 b	35/48
58	C 04 b	35/04
		35/20
		35/36
59	C 04 b	35/12
		35/20
		35/42
60	C 04 b	35/04
		35/06
		35/20
		35/26
61	C 04 b	35/06
		35/24
		35/26
62	C 04 b	35/04
		35/10
		35/18
		35/24
		35/44
63	C 04 b	35/04
		35/06
		35/16
		35/22
		35/24
64	C 04 b	35/02
65	C 04 b	35/02
		35/10
		35/12
		35/16
		35/18
		35/24
		35/26
		35/42
		35/44
66	C 04 b	35/02
		35/12
		35/16
		35/24
		35/42
67	C 04 b	7/00
		33/00
68	C 04 b	35/14
69	C 04 b	35/02
		35/14
70	C 04 b	33/04
71, 72	C 04 b	33/12
73	C 04 b	33/12
74	C 04 b	31/00
		35/16
	C 09 d	1/02
	C 09 j	1/02
75	C 04 b	31/00
		35/16
	C 09 d	1/02
76	C 04 b	7/00
		31/00
		35/16
	C 09 d	1/02
77	C 04 b	31/00
	C 09 d	1/02
78	C 09 d	1/02
		1/10
79	C 09 d	1/04
		3/02
80	C 08 b	21/00
		23/00
		25/00
	C 09 d	1/02
		3/10
81	C 09 d	1/04
		3/12
82	C 09 d	1/04
		3/26
83	C 08 h	9/00
		13/00
	C 09 d	1/04
		3/42
		3/44
		3/46
84	C 09 d	1/02
		1/04
85–88	C 04 b	1/00
		7/00
		9/00
		11/00
	C 09 d	1/00
89, 90	C 04 b	7/02
91	C 04 b	7/02
	C 09 d	3/02
92	C 04 b	7/00
	C 09 d	3/10
93	C 04 b	7/02
	C 09 d	3/12
94	C 04 b	7/02
	C 09 d	3/40
95	C 04 b	7/02
	C 08 h	9/00
	C 09 d	3/26
96	C 04 b	7/02
97–99	C 04 b	7/02
	C 08 h	17/00
100	C 04 b	7/02
		7/36
101	C 04 b	7/02
		7/10
		7/36
102	C 04 b	7/02
		7/36
103	C 04 b	7/02
		7/14
		11/00
104	C 04 b	7/32
105	C 04 b	7/00
106–108	C 04 b	7/00
	C 08 b	21/00
		23/00
109–111	C 04 b	11/00
112, 113	C 04 b	11/00
	C 08 h	7/00
	C 09 d	3/02
114	C 04 b	11/00
	C 08 b	21/00
		23/00
	C 09 d	3/10
115	C 04 b	11/00
	C 08 b	21/00
		23/00
	C 09 d	3/12
116	C 04 b	11/00
	C 09 d	3/24
		3/36
		3/40
117	C 04 b	7/14
118	C 04 b	1/00
		7/34
119, 120	C 04 b	1/00
		7/34
121	C 04 b	9/00
122	C 08 h	
123	C 08 h	15/02
124	C 08 h	7/00
125	C 09 d	3/04
	C 09 h	11/00
126	C 09 d	3/04
		3/10
	C 09 h	11/00
	C 09 j	3/02
127	C 09 d	3/04
		3/12
	C 09 h	11/00
	C 09 j	3/04
128	C 09 d	3/04
		3/14
		3/18
	C 09 h	11/00
	C 09 j	3/04
		3/20
129	C 08 k	11/00
	C 09 d	3/04
		3/10
	C 09 h	11/00
130	C 09 d	3/04
		3/20
	C 09 h	11/00
131, 132	C 08 h	9/00
	C 09 d	3/04
		3/26
	C 09 h	11/00
133	C 08 h	11/00
	C 09 d	3/04
		3/40
	C 09 h	11/00
134–137	C 08 h	9/00
		13/00
	C 09 d	3/04
	C 09 h	11/00
138	C 08 h	1/08
	C 09 d	3/06
139	C 08 h	1/08
	C 09 d	3/06
		3/10
	C 09 j	3/24
140	C 08 h	1/00
	C 09 d	3/06
		3/12
	C 09 j	3/23
141	C 08 h	1/00
	C 09 d	3/06
		3/14
		3/18
	C 09 j	3/24
142, 143	C 08 h	1/00
		9/00
	C 09 d	3/06
		3/26
144	C 09 d	3/06
		3/40
145	C 08 h	1/00
		9/00
		13/00
	C 09 d	3/04
		3/24
146–148	C 08 h	1/00
		17/00
	C 09 d	3/06
149	C 08 h	1/00
		7/00
	C 09 d	3/08
		3/10
150	C 08 b	1/00
	C 08 h	1/00
		7/00
	C 09 d	3/08
		3/12
151	C 08 h	1/00
		7/00
	C 09 d	3/08
152	C 08 h	1/00
		7/00
	C 09 d	3/24
		3/36
		3/40
153	C 08 h	17/00
	C 09 d	3/08
154, 155	C 08 h	1/00
		7/00

U.S. Class 106—Con.

U.S. Subclass	IPC Subclass	Notation
	C 09 d	3/02
156	C 08 h	1/00
		7/00
		9/00
		13/00
	C 09 d	3/02
		3/24
		3/36
		3/40
157	C 08 b	1/00
	C 08 h	1/00
		7/00
	C 09 d	3/02
		3/10
158	C 08 b	1/00
	C 08 h	1/00
		7/00
	C 09 d	3/02
		3/12
159	C 08 h	1/00
		7/00
		9/00
	C 09 d	3/02
		3/26
160	C 08 h	1/00
		7/00
		9/00
	C 09 d	3/02
		3/24
		3/36
		3/40
161	C 08 h	1/00
		7/00
		17/00
	C 09 d	3/02
162	C 08 b	21/00
		25/00
	C 09 j	3/02
163	C 08 b	
164 – 166	C 08 b	21/20
	C 09 j	3/04
167 – 170	C 08 b	
	C 09 j	3/04
171, 172	C 08 b	
	C 08 h	9/00
		11/00
	C 08 j	3/04
173, 174	C 08 b	
	C 08 h	17/28
	C 09 j	3/04
175, 176	C 08 b	
	C 08 h	17/28
		17/34
		17/38
	C 09 j	3/04
177	C 08 b	
	C 08 h	
	C 09 j	3/04
178	C 08 b	
	C 08 h	17/36
	C 09 j	3/04
179	C 08 b	
	C 08 h	17/42
	C 09 j	3/04
180	C 08 b	
	C 08 h	17/36
	C 09 j	3/04
181	C 08 b	
	C 08 h	17/36
	C 09 j	3/04
182 – 185	C 08 b	
	C 08 h	17/34
		17/36
	C 09 j	3/04
186	C 08 b	
	C 08 h	17/44
	C 09 j	3/04
187 – 189	C 08 b	
	C 08 h	17/34
	C 09 j	3/04
190	C 08 b	
	C 08 h	17/30
	C 09 j	3/04
191	C 08 b	
	C 08 h	9/06
	C 09 j	3/04
192	C 08 k	
	C 09 j	3/04
193	C 08 b	
	C 08 h	17/02
		17/66
	C 09 j	3/04
194	C 08 b	
	C 09 j	3/04
195	C 08 b	5/02
	C 09 j	3/04
196	C 08 b	21/04
	C 09 j	3/04
197	C 08 b	21/24
	C 09 j	3/04
198	C 08 b	21/00
	C 09 j	3/04
199	C 08 b	
	C 08 h	9/00
	C 09 j	3/26
200	C 08 b	
	C 08 h	11/00
	C 09 d	3/12
		3/40
	C 09 j	3/12
		3/14
		3/16
		3/26
201	C 08 b	
	C 08 h	9/00
	C 09 d	3/12
	C 09 j	3/26
202	C 08 b	
	C 08 h	13/00
	C 09 d	3/24
	C 09 j	3/30
203	C 08 b	
	C 09 j	3/04
204	C 08 b	
	C 09 j	3/04
205	C 08 b	
	C 09 d	3/10
		3/20
		3/22
	C 09 j	3/02
		3/04
206	C 08 b	25/00
	C 09 d	3/10
		3/20
		3/22
		3/26
	C 09 j	3/30
207	C 08 b	
	C 08 h	9/00
		13/00
	C 09 d	3/10
		3/20
		3/22
		3/24
		3/40
	C 09 j	3/02
		3/06
208	C 08 b	25/00
		27/22
	C 09 j	3/02
		3/06
209	C 08 b	
	C 08 h	17/02
		17/66
	C 09 j	3/02
		3/06
210, 211	C 08 b	25/02
	C 08 h	9/00
	C 09 d	3/20
	C 09 j	3/06
212	C 08 b	25/02
	C 08 h	9/00
		13/00
	C 09 d	3/20
		3/24
		3/40
	C 09 j	3/06
		3/26
		3/30
213	C 08 b	27/22
	C 08 h	17/22
	C 08 j	1/46
		1/48
	C 09 d	3/20
	C 09 j	3/06
214	C 08 b	25/02
		27/02
		27/76
	C 08 h	17/02
		17/66
	C 09 d	3/20
	C 09 j	3/06
215	C 08 b	25/02
	C 08 h	9/00
	C 09 d	3/20
		3/26
	C 09 j	3/02
216	C 08 b	25/02
	C 08 h	9/00
		13/00
	C 09 d	2/24
		3/20
	C 09 j	3/02
		3/26
		3/30
217	C 08 b	27/02
		27/76
		29/02
	C 08 h	17/02
		17/66
	C 09 d	3/20
	C 09 j	3/02
218	C 08 h	11/00
	C 09 d	3/40
219 – 223	C 08 h	11/00
	C 09 d	3/25
		3/26
		3/42
224	C 08 h	9/00
		11/00
	C 09 d	3/26
		3/28
		3/44
225	C 08 h	11/00
		13/00
	C 09 d	3/26
		3/28
		3/46
226 – 228	C 08 h	11/00
	C 09 d	3/42
229	C 08 h	4/00
		11/00
		13/00
	C 09 d	3/44
		3/46
230, 231	C 08 h	9/06
		11/00
232, 234	C 08 h	11/00
		13/06
		13/10
		13/12
		17/30
235	C 08 h	11/00
		13/00
		17/02
		17/66
236	C 08 h	11/00
		17/22
	C 08 j	1/46
237	C 08 h	11/00
		17/26
		17/34
	C 08 j	1/46
238	C 08 h	11/00
		17/22
		17/24
	C 08 j	1/46
239	C 08 h	11/00
		17/28
	C 08 j	1/46
240	C 08 h	11/00
		17/00
		17/22
241	C 08 h	11/00
		17/02
		17/66
242	C 08 h	11/00
		17/10
		17/16
		17/66

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 106—Con.		
243,244	C 08 h	9/00
	C 09 d	3/26
245	C 08 h	9/06
	C 09 d	3/26
246, 247	C 08 h	9/00
		13/00
	C 09 d	3/26
248	C 08 h	9/00
		13/00
		17/02
		17/66
	C 09 d	3/26
249, 250	C 08 h	9/00
	C 09 d	3/26
251	C 08 h	9/00
		17/02
		17/66
	C 09 d	3/26
252	C 08 h	9/00
	C 09 d	3/26
253 – 261	C 08 h	9/00
		17/02
		17/66
	C 09 d	3/26
262	C 08 h	9/00
		17/02
	C 09 d	3/26
263	C 08 h	9/00
		17/54
	C 09 d	3/26
264	C 08 h	9/00
	C 09 d	3/26
	C 09 f	7/00
		9/00
265	C 08 h	9/00
		17/28
	C 09 d	3/26
266 – 268	C 08 h	9/06
		17/02
		17/28
		17/60
	C 09 d	3/26
269	C 08 h	9/00
		13/00
	C 09 d	3/26
270	C 08 h	9/00
271	C 08 h	9/06
		17/22
	C 08 j	1/46
272	C 08 h	9/06
		17/02
		17/66
273, 274	C 08 h	13/00
	C 09 d	3/24
275	C 08 h	13/00
		17/02
		17/66
	C 09 d	3/24
276, 277	C 08 h	13/00
	C 08 k	1/62
	C 09 d	3/24
278 – 280	C 08 h	13/00
		17/22
	C 08 j	1/46
278, 280	C 09 d	3/24
281	C 08 h	13/00
		17/02
		17/66
	C 09 d	3/24
282	C 08 h	13/00
		17/10
		17/16
	C 09 d	3/24
283	C 08 h	13/00
		17/02
		17/16
		17/66
	C 09 d	3/24
284	C 08 h	13/00
		17/02
		17/66
	C 09 d	3/24
285	C 08 h	17/28
	C 09 d	3/00
		3/60
286	C 08 h	17/24
	C 09 d	1/00
287	C 07 g	
	C 08 h	
	C 09 k	
288	C 08 h	17/02
	C 09 c	
	C 09 d	
289	C 08 d	17/02
		17/66
	C 09 c	
	C 09 d	
290	C 09 c	1/00
		4/62
	C 09 d	5/10
	C 09 k	
291	C 08 h	
	C 09 c	
	C 09 k	
292	C 09 c	1/04
		1/62
293 – 296	C 09 c	1/04
		1/06
		1/62
	C 09 k	
297, 298	C 09 c	1/14
		1/20
		1/62
299	C 09 c	1/00
		1/36
		1/62
300	C 09 c	1/36
		1/62
301	C 09 c	1/10
		1/62
302	C 09 c	1/08
		1/20
		1/34
		1/62
	C 09 k	
303	C 09 c	1/00
		1/62
304	C 09 c	1/22
		1/24
		1/26
		1/62
305	C 09 c	1/32
		1/62
306	C 09 c	1/00
		1/02
		1/62
307	C 08 h	17/08
	C 09 c	1/44
		1/60
	C 09 k	
308	C 08 h	17/00
	C 08 j	1/34
		1/36
		1/48
	C 09 c	1/00
		3/00
309	C 08 h	17/02
	C 09 c	
	C 09 d	
310	C 09 f	9/00
311	C 08 h	17/22
312	C 09 d	5/00
313	C 04 b	35/00
	C 09 k	3/00
314, 315	C 04 b	13/00
		17/00
		19/00
		31/00
316	C 03 c	
	C 08 h	
	C 08 k	
	C 09 k	

U.S. Class 107

Bread, pastry and confection making

(IPC A 21 c)

U.S. Subclass	IPC Subclass	IPC Notation
1	A 23 g	3/00
2	A 21 b	5/02
	A 23 l	1/10
3	A 23 l	1/14
	C 13 l	1/04
4	A 21 c	
	A 21 d	
	A 23 g	
5	A 21 c	
	A 23 g	
7	A 21	
	A 23 g	
8	A 21 c	3/00
	A 23 g	
9 – 13	A 21 c	3/00
14	A 21 c	11/16
15 – 18	A 21 c	
	A 23 g	
19	A 23 g	1/22
		3/12
		3/18
	F 25 c	7/20
27	A 21 c	9/00
	A 23 g	1/20
28, 29	A 21 c	9/00
30	A 21 c	1/00
	A 23 g	1/04
	A 47 j	43/04
31	A 21 c	1/10
32, 33	A 21 c	1/00
34	A 21 c	1/08
	A 23 g	1/10
36, 38, 40	A 21 c	1/00
	A 23 g	1/10
43	A 21 c	9/04
	A 23 g	3/20
44, 45	A 21 c	
	A 23 g	
46, 47	A 47 j	43/00
48	A 47 j	43/28
49	A 47 j	43/20
		43/28
50	A 47 j	43/00
52	A 47 g	19/18
53	A 47 j	43/10
54	A 21 d	8/00
	A 23 p	1/00
55	A 21 b	1/00
56 – 58	A 21 b	3/06
59	A 21 b	3/00
60	A 21 b	1/00
61, 62	A 21 b	1/00
		1/52
63	A 21 b	1/06
64	A 21 b	3/00
65	A 21 b	3/02
66	A 21 b	3/13
		3/15
67	A 21 b	3/18
68 – 70	A 21 c	
	A 23 g	

U.S. Class 108

Horizontally supported planar surfaces

(IPC A 47 b)

U.S. Subclass	IPC Subclass	IPC Notation
1 – 10	A 47 f	5/12
0		
11 – 26	A 47 b	85/00
26.2	A 47 b	41/02
	B 43 l	25/00
27	A 47 b	17/00
28 – 32	A 47 b	41/04
33 – 41	A 47 b	3/00
42 – 46	A 47 b	23/00
		37/00
47 – 48	A 47 b	5/00
49	A 47 b	23/00
50	A 47 b	35/00
		83/00
51	B 65 d	19/00
52 – 54	B 65 d	19/38
55	B 65 d	19/44
56	B 65 d	19/12
		19/16
57 – 58	B 65 d	19/38

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 108—Con.		
59–64	A 47 b	57/00
65–66	A 47 b	1/00
67–68	A 47 b	1/06
69–82	A 47 b	1/04
83–89	A 47 b	
90	A 47 b	13/08
91	A 47 b	7/00
92–101	A 47 b	57/00
102–105	A 47 b	11/00
106–110	A 47 b	9/00
111–115	A 47 b	3/00
116–120	A 47 b	3/02
121–135	A 47 b	3/00
136	A 47 b	9/02
137–143	A 47 b	11/00
144–148	A 47 b	9/00
149	A 47 b	5/00
150, 151	A 47 b	13/02
152	A 47 b	5/00
153–159	A 47 b	3/06
160–161	A 47 b	13/00
U.S. Class 109		
Safes, bank protection and related devices		
(IPC E 05)		
1	E 05 g	3/00
2	E 04 h	9/00
3–8	E 05 g	3/00
9	E 04 h	1/12
10	A 47 f	9/00
	E 05 g	3/00
11–13	E 05 g	3/00
	E 06 b	9/00
14	E 05 g	3/00
	E 06 b	9/08
15, 16	E 06 b	7/08
17, 18	E 06 b	9/04
19	E 06 b	7/32
20	E 05 g	3/00
	G 08 b	15/02
21	E 05 g	3/00
	G 08 b	13/00
21.5	E 04 f	7/30
22	E 05 g	3/00
23	E 05 g	3/00
24, 25	E 05 g	3/00
26, 27	E 05 g	3/00
	E 06 b	5/12
28	E 05 g	3/00
29–34	E 05 g	3/00
	G 08 b	15/02
35	E 05 g	3/00
	G 08 b	13/22
36, 37	E 05 g	3/00
	F 41 c	9/00
	G 08 b	15/00
38	E 05 g	3/00
	G 08 b	13/00
39	E 05 g	3/00
	G 08 b	13/14
40, 41	G 08 b	19/00
42	E 05 g	3/00
	G 08 b	13/00
43	G 08 b	13/08
44	E 05 g	3/00
	G 08 b	13/06
45–49	E 05 g	1/00
49.5	E 06 b	9/00
50	E 05 g	1/00
51, 52	E 05 g	1/04
53–57	E 05 g	1/00
58	E 04 f	5/10
	E 06 b	5/00
58.5	E 06 b	5/10
		7/30
59–63.5	E 05 g	1/04
64	E 04 f	5/00
		7/00
	E 06 b	3/00
65	E 04 f	5/00
66	E 06 b	7/32
67, 68	E 06 b	7/00
69–72	E 05 d	15/56
	E 06 b	3/50
73	E 06 b	3/34
74	E 06 b	3/36
75	E 06 b	7/16
76	E 06 b	3/04
77	E 06 b	1/04
78	E 04 b	2/00
	E 04 c	2/00
	E 05 g	1/02
79–85	E 04 b	2/02
87	E 04 b	5/00
	E 04 f	15/00
U.S. Class 110		
Furnaces		
(IPC F 23 l)		
1	F 23 b	
3	F 23 g	1/00
3.5	C 21 d	9/00
4	F 22 b	9/10
	F 23 b	1/00
5, 6	F 23 g	9/00
7	F 23 b	1/28
		1/38
	F 23 g	7/00
8	F 23 g	3/00
9	A 47 k	11/02
10	F 22 b	
11–13	F 23 g	3/00
		7/00
14	F 23 b	1/32
	F 23 g	5/06
15	F 23 g	5/04
16	F 23 g	3/00
		5/00
17	F 23 b	1/28
	F 23 g	7/00
18	F 23 g	1/00
		5/00
19–21	F 23 g	9/00
22	F 23 c	1/02
		1/04
		1/06
	F 23 d	17/00
23	F 23 m	3/18
24, 25	C 10 b	21/00
26, 27	F 23 b	1/12
28	F 23 b	3/00
	F 23 c	5/08
	F 23 d	19/00
	F 23 r	1/14
29–30	F 23 b	1/36
	F 23 m	1/06
31	C 10 b	
32	F 23 n	1/00
33	F 23 b	1/22
34	F 22 b	35/00
	F 23 b	1/22
	F 23 n	1/00
35, 36	F 23 b	1/24
37–43	F 23 b	1/22
44–48	F 23 k	3/10
49–52	F 23 j	5/02
53–71	F 23 l	5/04
		7/00
72–77	F 23 b	
	F 23 c	7/00
	F 23 l	1/00
		5/00
78	F 23 l	7/00
79–81	F 23 l	7/00
	F 23 m	3/04
82	F 23 b	1/00
	F 23 c	1/00
83	F 23 b	1/00
84, 85	F 23 b	1/00
	F 23 l	17/00
86	F 23 m	1/00
87, 88	F 23 b	1/00
	F 23 c	3/00
	F 23 m	1/00
89	F 23	5/00
	F 23 b	1/16
	F 23 c	3/00
	F 23 m	3/00
90–91	F 23 b	1/00
	F 23 m	1/00
92–96	F 23 m	3/00
97	F 23 m	9/00
98	F 23 m	9/10
99	F 23 m	5/02
100	F 23 l	17/06
101–103	F 23 k	3/00
104–105.6	F 23 k	3/02
106	F 23 k	1/00
		3/02
107	F 23 k	3/16
108	F 23 k	3/10
		3/16
109	F 23 k	3/12
		3/16
110	F 23 k	3/14
		3/16
111–115	F 23 k	3/18
116–118	F 23 k	3/16
119	F 23 j	15/00
120	F 23 j	5/00
121–129	F 23 j	3/00
145	F 23 j	11/00
146	F 23 j	11/04
147–148	F 23 j	11/00
	F 23 l	13/00
	F 23 n	3/00
150	F 23 l	17/16
157–158	F 23 l	11/02
		13/00
159–161	F 23 l	17/16
	F 23 n	3/00
162	F 23 l	17/00
	F 23 n	3/08
163	F 23 l	1/00
		13/00
	F 23 n	3/02
165–166	F 23 j	1/00
167–169	F 23 j	1/02
		1/06
170	F 23 j	1/06
171–172	F 23 j	1/02
173–178	F 23 m	7/00
179	F 23 m	11/02
180	F 23 m	5/08
		7/04
181	F 23 m	5/00
182	F 23 m	5/08
182.5, 182.6	F 23 l	5/00
184	F 23 j	11/00
U.S. Class 111		
Planting		
(IPC A 01 c)		
1	A 01 c	
2–4	A 01 c	11/00
6–7.4	A 01 c	23/02
8, 9	A 01 c	7/00
		19/00
10–13	A 01 c	7/08
14–88	A 01 c	5/00
		7/18
89–91	A 01 c	5/00
92–98	A 01 c	5/02
99	A 01 c	5/00
U.S. Class 112		
Sewing		
(IPC D 05 b)		
1	D 05 b	
	D 05 c	
2	D 05 b	23/00

U.S. Class 112—Con.

U.S. Subclass	IPC Subclass	IPC Notation
3	D 05 b	11/00
4–9	D 05 b	23/00
10, 11	D 05 b	13/00
12	D 05 b	23/00
13, 14	D 05 b	23/00
		39/00
15	D 05 b	23/00
		35/10
		35/12
16	D 05 b	15/00
		23/00
17	D 05 b	67/00
18, 19	D 05 b	27/00
20	D 05 b	23/00
		35/00
21	B 42 b	1/02
22	B 42 b	1/08
23, 24	D 05 b	23/00
25, 26	D 05 b	7/00
27	D 05 b	7/00
		27/00
28	D 05 b	15/00
29–40	D 05 b	15/02
41, 42	D 05 b	15/02
		67/00
43	D 05 b	15/02
		71/00
44	D 05 b	15/06
45	D 05 b	15/02
46	D 05 b	15/06
47	D 05 b	15/00
		27/26
48	D 05 b	15/00
		27/00
49	D 05 b	15/00
		27/00
50, 51	D 05 b	15/00
		35/10
52	D 05 b	15/00
		31/02
53–59	D 05 b	15/00
60, 61	D 05 b	15/00
		29/04
62	D 05 b	15/00
		75/00
63, 64	D 05 b	23/00
65–77	D 05 b	3/00
78	D 05 c	3/00
79–80	D 05 c	15/00
81, 82	D 05 b	9/00
83	D 05 c	3/04
84	D 05 c	5/00
85, 86	D 05 c	5/00
		7/04
87	D 05 c	3/04
88	D 05 c	3/04
		7/08
89–92	D 05 c	3/04
		7/04
93	D 05 c	3/04
		11/00
94	D 05 c	3/04
95	D 05 c	3/04
		11/18
96	D 05 c	3/04
97	D 05 c	3/04
		11/08
98	D 05 c	3/02
99–101	D 05 c	3/02
		7/08
102	D 05 c	3/02
		7/04
103	D 05 c	7/04
		9/04
104	D 05 b	3/12
105–107	D 05 b	3/18
108, 109	D 05 b	3/16
110–112	D 05 b	3/14
113	D 05 b	3/22
114, 115	D 05 b	3/00
116	D 04 b	33/00
	D 05 b	23/00
117	D 05 b	11/00
118, 119	D 05 b	11/00
		35/00
120	D 05 b	1/00
		23/00
121	D 05 b	23/00
122, 123	D 05 b	37/00
124	D 05 b	37/08
125–128	D 05 b	37/00
129, 130	D 05 b	37/04
131	D 05 b	35/00
132–135	D 05 b	35/08
136	D 05 b	35/00
137, 138	D 05 b	35/06
139	D 05 b	35/00
	D 05 c	7/08
140	D 05 b	35/00
141–143	D 05 b	35/02
144–147	D 05 b	35/08
148	D 05 b	31/00
149	D 05 b	35/00
150	D 05 b	29/00
		35/00
151	D 05 b	35/00
152, 153	D 05 b	35/10
154	D 05 b	1/00
155	D 05 b	25/00
156	D 05 b	23/00
157	D 05 b	3/04
158, 159	D 05 b	3/02
160, 161	D 05 b	3/04
162	D 05 b	1/20
		57/06
163, 164	D 05 b	1/08
165, 166	D 05 b	1/06
		1/10
167	D 05 b	1/08
168	D 05 b	1/14
169–171	D 05 b	1/00
172	D 05 b	1/20
173–175	D 05 b	1/04
176	D 05 b	1/24
177, 178	D 05 b	1/24
		57/06
179	D 05 b	1/00
		47/00
180	D 05 b	57/26
181–184	D 05 b	57/14
185, 186	D 05 b	57/10
187	D 05 b	61/00
188	D 05 b	57/10
		57/16
		57/18
		57/20
189–191	D 05 b	57/08
192–193	D 05 b	57/12
194, 195	D 05 b	57/08
196	D 05 b	57/16
		57/18
		57/20
197	D 05 b	1/06
		1/10
198	D 05 b	1/06
		1/10
		85/06
199, 200	D 05 b	1/06
		1/10
		57/00
201	D 05 b	1/06
		1/10
		57/04
202	D 05 b	1/06
		1/10
		57/02
203–205	D 05 b	27/00
206	D 05 b	27/00
		27/20
207	D 05 b	27/06
208, 209	D 05 b	27/08
		27/16
210, 211	D 05 b	27/00
212	D 05 b	27/04
213	D 05 b	27/20
214	D 05 b	27/10
215	D 05 b	27/00
216	D 05 b	27/02
217	D 05 b	27/00
217.1, 217.2	D 05 b	75/00
217.3, 217.4	D 05 b	69/00
218	B 65 h	54/18
		59/00
		63/00
	D 05 b	51/00
219–221	D 05 b	69/00
222	D 05 b	85/00
223	D 05 b	85/04
		85/14
224	D 05 b	87/00
225	D 05 b	53/00
		55/00
		87/00
226	D 05 b	55/02
227	D 05 b	51/00
		55/06
228–231	D 05 b	57/14
232–234	D 05 b	57/10
235	D 05 b	29/00
236	D 05 b	29/00
	D 05 c	9/00
237–239	D 05 b	29/00
240	D 05 b	29/12
241–248	D 05 b	49/00
249	D 05 b	49/02
250	D 05 b	49/00
252	D 05 b	65/00
253	D 05 b	53/00
254, 255	D 05 b	47/00
256	D 05 b	71/00
257–260	D 05 b	75/00
261	D 05 b	83/00
262	D 05 b	1/00
		97/00
263	D 05 b	23/00
264	D 05 b	3/00
265	D 05 b	3/12
		97/10
		97/12
266	D 05 c	3/00
267	D 05 b	1/24
268	D 05 b	1/20
		1/24
269	D 05 b	1/20
400	B 32 b	7/08
	D 05 b	93/00
401, 402	D 05 b	93/00
403	B 32 b	7/08
	D 05 b	93/00
404	D 05 c	17/00
405	B 32 b	7/08
406	A 41 f	1/00
407	A 41 f	1/00
	A 44 b	13/00
408	A 41 f	1/00
	A 44 b	1/18
409	B 32 b	7/08
410, 411	D 05 c	17/02
412	D 05 b	93/00
413–417	B 32 b	7/08
	D 05 b	93/00
418–428	B 32 b	7/08
429	B 32 b	7/08
	D 05 c	17/00
430	D 05 c	17/00
431	A 41 f	1/02
	D 05 c	17/00
432–436	D 05 c	17/00
437	A 41 f	1/02
	D 05 c	17/00
438	D 05 b	93/00
439	D 05 c	17/00
440, 441	B 32 b	7/08

U.S. Class 113

Sheet metal ware, making

(IPC B 21 d)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 21 d	
7	B 21 d	51/26
8	B 21 d	51/26
11, 12	B 21 d	51/26
14, 15	B 21 d	51/26
16–18	B 21 d	37/00
		51/26
19–25	B 21 d	51/32
26	B 21 d	19/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 113—Con.		
		43/16
27	B 21 d	19/00
		43/12
28	B 21 d	19/00
		43/00
29	B 21 d	19/00
		43/14
30, 31	B 21 d	19/00
32	B 21 d	53/76
54 – 58	B 21 d	19/00
		39/00
80	B 21 d	51/46
113 – 115	B 21 d	43/00
116	B 21 d	51/00
117	B 21 d	53/12
118	B 21 d	53/02
119	B 21 d	53/00
120, 121	B 21 d	51/00

U.S. Class 114

Ships

(IPC B 63 b)

.5	B 63 b	35/00
1	B 63 g	
2, 3	B 63 g	9/00
4 – 8	B 63 g	1/00
9 – 13	B 63 b	3/10
14	B 63 g	9/04
15	B 63 g	9/00
16	B 63 g	8/00
16.4 – 16.8	B 63 g	8/24
17	B 63 g	5/00
		8/00
18, 19	B 63 g	3/02
		5/00
20	F 42 b	19/00
21	F 42 b	19/01
22	F 42 b	19/00
23, 24	F 42 b	19/01
25	F 42 b	19/04
26	B 63 b	35/28
27 – 38	B 63 b	35/30
39	B 63 b	35/00
	B 63 h	9/00
40 – 42	B 63 b	35/08
43	B 60 f	3/00
43.5	B 63 b	35/44
44	B 63 c	7/00
45 – 48	B 63 c	1/02
49 – 55	B 63 c	7/00
56 – 63	B 63 b	1/00
65	B 63 b	3/00
		5/00
66	B 63 b	35/00
66.5	B 63 b	1/18
67	B 63 b	1/34
68 – 69	B 63 b	43/10
70	B 63 b	27/14
		35/00
71	B 63 b	29/02
72	B 63 b	25/00
73	B 63 b	25/02
74 – 76	B 63 b	25/08
77	B 63 b	3/02
78	B 63 b	3/56
79 – 81	B 63 b	3/00
82	B 63 b	5/02
83	B 63 b	3/00
84 – 88	B 63 b	3/00
		5/00
89 – 101	B 63 b	15/00
	B 63 h	9/10
102 – 115	B 63 h	9/04
116	B 63 b	11/00
		19/00
117 – 120	B 63 b	19/00
	E 05 f	
121	B 63 b	43/06
		43/08
122	B 63 b	39/00
		43/02
123	B 63 b	43/14
124	B 63 b	39/02
		43/08
125	B 63 b	43/06
126	B 63 b	39/06
		43/04
127 – 139	B 63 b	3/38
		41/00
140	B 63 b	3/38
141	B 63 b	41/00
142	B 63 b	3/44
		39/06
143	B 63 b	41/00
144	B 63 h	25/00
145	B 63 h	25/44
		25/48
146	B 63 h	21/26
147, 148	B 63 h	25/42
149	B 63 h	25/52
150	B 63 h	25/22
151	B 63 h	25/46
152, 153	B 63 h	25/00
154 – 159	B 63 h	25/08
160, 161	B 63 h	25/10
162 – 169	B 63 h	25/06
170, 171	B 63 h	25/34
172	B 63 h	25/00
173 – 178	B 63 b	19/00
179	B 63 b	21/14
180	B 63 b	21/08
		21/18
181	B 63 b	21/14
182	B 63 b	19/26
183 – 185	B 63 b	13/00
		29/16
		37/00
186	B 63 b	29/16
187	B 63 b	15/00
		19/00
188	B 63 b	29/04
189	B 63 b	29/02
190	B 63 c	9/22
191	B 63 b	29/12
192, 193	B 63 b	29/10
194, 195	B 63 b	29/04
197, 198	B 63 b	13/00
199	B 63 b	21/08
200	B 63 b	21/18
201	B 63 b	19/12
202	B 63 b	19/18
203	B 63 b	19/12
206 – 208	B 63 b	21/24
209	B 63 b	21/48
210	B 63 b	21/22
211 – 212	B 63 j	2/00
213 – 217	F 16 g	11/00
218	B 63 b	21/04
219, 220	B 63 b	21/04
221	B 63 b	9/00
222	B 63 b	59/00
223	B 25 b	25/00
224	B 63 b	9/00
227 – 229	B 63 b	43/16
230, 231	B 63 b	21/00
232 – 234	B 63 b	39/10
235 – 237	B 60 p	
	B 63 b	21/00
	B 63 h	28/00
238 – 239	B 63 b	1/00
		5/00
240	B 63 g	9/00
241	B 63 g	9/04

U.S. Class 115

Marine propulsion

(IPC B 63 h)

.5	B 63 h	/00
1, 2	B 60 f	3/00
3	B 63 h	13/00
4, 5	B 63 h	19/02
6	B 63 b	21/56
6.1	A 63 c	11/10
7, 8	B 63 b	21/56
9	B 63 b	21/56
	B 63 h	15/00
		16/00
11 – 13	B 63 h	11/00
14 – 16	B 63 h	11/02
17, 18	B 63 h	21/26
19, 20	B 63 h	1/38
21 – 24	B 63 h	16/00
25 – 27	B 63 h	16/00
	G 01 c	22/00
28 – 33	B 63 h	1/30
		5/00
34	B 63 h	1/14
		5/06
35	B 63 h	1/14
		5/06
		25/42
37, 38	B 63 h	5/08
39	B 63 h	5/16
40 – 43	B 63 h	1/14
		5/06
49 – 54	B 63 h	1/04
		5/02
63 – 67	B 63 h	1/30
		5/00
70	A 63 h	5/08
		15/00

U.S. Class 116

Signals and indicators

(IPC G 08 b)

1	G 08 b	
2	G 08 b	19/00
3 – 5	G 08 b	7/00
6, 7	G 08 b	15/00
8	E 05 b	45/00
		45/01
		45/02
		45/03
		45/04
	G 08 b	13/06
		15/00
9	E 05 b	45/00
	G 08 b	13/08
		15/00
10	E 05 b	45/00
	G 08 b	15/02
11	E 05 b	45/04
	G 08 b	15/00
12 – 14	G 08 b	15/00
15	G 08 b	15/02
16	G 08 b	15/00
17	G 08 b	15/02
18 – 20	G 08 b	9/00
21 – 25	G 08 b	9/00
26, 27	B 63 b	45/04
	F 21 q	5/00
28	B 60 q	
29	B 61 l	3/00
		3/01
		3/02
		3/04
30	B 61 l	15/00
31	B 60 q	1/42
32	B 60 q	9/00
33	B 60 r	25/00
	B 62 h	5/20
34	B 60 c	23/02
		23/06
35 – 36	B 60 q	1/26
37 – 38	B 60 q	1/54
39 – 40	B 60 q	1/26
41 – 56	B 60 q	1/26
57	B 60 q	1/52
58	B 60 q	5/00
59 – 60	B 60 q	5/00
61 – 62	B 60 q	5/00
63	E 01 f	9/10
	G 08 b	
64	B 66 b	3/00
		19/06

U.S. Class 116—Con.

U.S. Subclass	IPC Subclass	IPC Notation
65	G 08 b	1/04
67	G 08 b	3/00
		3/02
		3/06
68	B 66 b	3/00
		19/06
69	G 01 w	1/14
70	G 01 l	19/12
71 – 74	G 08 b	21/00
75	G 08 b	13/00
		13/01
		13/02
		13/03
		13/04
		13/05
		13/06
		13/07
		13/08
		13/09
		13/10
		13/11
		13/20
76	G 08 b	13/08
77 – 80	G 08 b	13/02
81	G 08 b	13/12
82 – 84	G 08 b	13/02
85	G 08 b	13/08
86	G 08 b	13/08
87 – 97	G 08 b	13/08
98	G 08 b	13/10
99	G 08 b	13/14
100	G 08 b	21/00
101 – 102	G 08 b	17/00
		17/04
103	G 08 b	17/04
104 – 108	G 08 b	17/00
		17/04
109	G 01 f	23/00
110 – 111	G 01 f	1/00
112, 113	G 08 b	21/00
114	G 01 d	21/00
114.5	G 01 k	1/02
115	G 01 p	13/00
115.5	B 23 q	17/00
116	G 01 p	1/06
117	G 01 f	15/00
118	G 01 f	23/00
119	B 42 d	9/00
120	A 63 b	71/06
121	G 09 f	9/00
122	B 66 b	3/02
123	G 08 b	1/00
124	G 09 f	9/00
124.1	H 03 j	1/02
124.2, 124.3	H 03 j	1/02
124.4	H 03 j	1/04
125	F 16 k	37/00
126	B 63 h	25/36
127	G 08 b	1/00
128	G 08 b	5/00
129	G 09 f	9/00
130	G 08 c	5/00
131	G 09 f	19/00
132	G 08 c	5/00
133	G 09 f	9/00
134	G 09 f	9/00
135	G 09 f	5/00
		9/00
136	G 08 b	5/00
136.5	G 01 d	13/22
137	G 10 k	5/00
		9/00
		9/10
138	G 10 k	5/00
		9/02
		9/04
139	G 10 k	5/00
		9/04
140 – 141	G 10 k	5/00
142	G 10 k	9/00
		9/01
		9/02
		9/03
		9/04
		9/05
		9/06
		9/07
		9/08
		9/09
		9/10
143 – 146	G 10 k	9/20
147	G 10 k	7/00
148	G 10 k	1/00
149	G 10 k	1/36
150	G 10 k	1/26
		1/38
151	G 10 k	1/068
152	G 10 k	1/06
153	G 10 k	10/00
154	G 10 k	1/064
155	G 10 k	1/067
		1/10
156	G 10 k	1/067
		1/10
157 – 161	G 10 k	1/064
162 – 163	G 10 k	1/08
164 – 165	G 10 k	1/08
166	B 62 j	3/00
167	G 10 k	1/10
		1/32
168	G 10 k	1/10
169	G 10 k	1/10
		1/32
170	G 10 k	1/071
171	G 10 k	1/071
172	G 10 k	1/34
173 – 175	G 09 f	17/00

U.S. Class 117

Coating processes and miscellaneous products

(IPC B 44 d)

U.S. Subclass	IPC Subclass	IPC Notation
.5	B 41 m	3/00
	B 44 f	
1	B 41 m	3/14
	B 44 f	1/12
1.5	B 41 m	3/12
		3/14
	B 44 c	1/14
		1/16
1.7	B 44 f	1/10
	G 03 c	11/22
2	B 23 p	7/00
	B 32 b	35/00
	B 44 c	
	B 44 d	
	B 44 f	1/02
		1/10
		9/00
3	A 01 k	11/00
		35/00
	A 01 m	7/00
		9/00
		11/00
	A 01 n	1/00
		3/00
		5/00
		11/00
		17/00
		21/00
	A 61 l	23/00
	A 61 m	11/00
3.1	B 41 m	3/12
3.2 – 3.6	B 41 m	3/12
4 – 5	B 41 k	3/68
5.1, 5.2	B 29 c	1/04
	B 44 d	1/20
5.3	B 28 b	7/36
		7/38
	B 44 d	1/34
5.5	B 44 d	1/52
7	B 05 c	3/107
	B 29 d	7/22
	B 44 d	3/18
	C 23 b	7/08
	O 06 m	3/02
8	B 44 c	1/20
		1/22
		5/00
8.5	B 44 d	1/52
9	B 44 c	1/08
10	B 44 c	1/02
11	B 44 d	1/32
	O 06 q	
	O 21 h	1/10
12 – 15	B 41 m	1/24
	B 44 c	1/08
	B 44 d	1/32
	O 06 q	
	O 21 h	1/10
16	B 05 b	5/00
		7/00
	B 44 c	1/06
		1/08
	B 44 d	1/09
	C 03 c	17/04
17	B 05 b	5/00
	G 03 g	13/00
17.5	G 03 g	13/00
18 – 20	B 44 c	1/08
	B 44 d	1/09
	C 03 c	17/04
21	C 23 c	3/00
22	C 03 c	7/00
		17/06
	C 23 c	3/00
23	B 44 c	1/06
	C 03 c	7/00
		17/04
	C 23 d	5/08
24	B 44 c	10/60
		10/68
25	B 44 c	1/06
		1/08
	C 23 d	5/08
26 – 27	B 44 c	1/08
	B 44 d	1/02
28	B 44 c	1/06
		1/08
	B 44 d	1/32
	O 06 q	
	O 21 h	1/10
29 – 30	B 44 c	1/06
31	B 05 b	7/14
	B 44 c	1/06
		1/08
	B 44 d	1/094
	C 23 c	3/00
		7/00
32 – 33	B 05 b	7/00
	B 44 c	1/06
		1/08
	B 44 d	1/094
	C 03 c	17/04
	C 23 d	
33.3	B 29 d	11/00
	B 44 d	5/06
	C 03 c	17/00
33.4	F 21 h	3/00
33.5	B 44 d	1/02
		5/00
	C 03 c	3/28
		17/00
	C 09 k	1/00
	F 21 k	
	F 21 v	9/16
	H 01 j	1/54
		9/20
		29/18
		31/10
		39/18
		61/35
		61/38
		63/00
		65/00
	H 05 b	33/00
34	C 03 c	1/00
		1/74
		3/26
	G 03 c	1/00
35	C 03 c	17/12
	G 02 b	5/08
35.5	B 41 f	15/00
	B 41 n	1/24

U.S. Class 117—Con.

U.S. Subclass	IPC Subclass	IPC Notation
	B 44 d	3/30
35.6	B 41 l	7/00
		9/00
36.1 – 36.4	B 41 c	1/06
	B 41 n	5/00
36.7 – 36.9	B 41 m	5/00
37 – 39	B 05 c	1/16
		3/20
	B 41 c	1/00
	B 41 m	
	B 44 d	1/02
		1/52
		1/54
		5/00
	C 03 c	5/00
		7/00
		9/00
		15/00
		23/00
	C 23 c	
	C 23 d	5/08
	C 23 f	1/10
		5/00
		7/00
	D 21 h	5/04
40	B 44 c	1/06
	C 03 c	7/00
		9/00
	C 23 d	5/10
41	B 41 m	
	B 44 c	1/04
	B 44 d	1/44
		1/54
		5/00
	C 09 d	5/28
	C 23 d	7/00
		13/00
42	B 44 c	1/04
	C 23 c	3/00
43 – 44	B 05 c	1/16
		3/20
	B 41 c	1/00
	B 41 m	
	B 44 d	1/02
		1/32
		1/52
		1/54
		5/00
	C 03 c	5/00
		7/00
		9/00
		15/00
		23/00
	C 23 c	
	C 23 d	5/08
	C 23 f	1/10
		5/00
		7/00
	G 06 m	
	G 06 p	
	G 21 h	1/10
		5/04
45	B 41 m	
	B 44 d	1/10
		1/12
		1/14
46	B 41 m	5/24
	B 44 c	1/097
	C 23 c	7/00
		9/06
		13/02
47 – 48	B 44 d	1/092
		1/52
	C 03 c	15/00
		17/00
		19/00
	C 23 c	
	C 23 d	3/00
49 – 53	B 44 d	1/34
	C 23	1/34
		1/44
	C 23 f	1/34
		1/44
54	B 44 d	1/20
	C 03 c	15/00
		17/00
		19/00
		21/00
		23/00
55	B 44 d	1/26
	D 06 p	3/04
		7/00
56 – 60	B 44 d	1/26
	G 21 h	5/00
61	B 44 d	1/092
		1/20
	C 03 c	15/00
		17/00
		19/00
	C 23 c	
	C 23 d	3/00
62 – 65.2	B 44 d	1/44
	C 08 h	19/00
	C 08 k	1/82
66 – 67	B 05 c	9/08
	B 44 d	1/02
		1/10
		1/12
		1/14
	C 03 c	15/00
		17/00
		19/00
		21/00
		23/00
	C 23 b	
	C 23 d	
	C 23 f	17/00
	D 06 p	7/00
68 – 68.5	B 05 c	9/04
	B 44 d	1/02
	C 03 c	
	C 23 c	
	C 23 d	
	C 23 f	
69 – 92	B 41 m	1/18
	B 44 c	3/02
	B 44 d	1/02
		1/12
		1/14
	B 44 f	1/00
	C 03 c	5/00
		7/00
		9/00
	C 09 d	
	C 09 k	
	C 23 c	
	C 23 d	
	C 23 f	
	D 06 n	
	G 21 k	
93 – 93.31	B 05 c	5/00
		17/04
	B 41 m	5/20
		5/24
		7/00
	B 44 d	1/02
		1/50
	C 03 c	19/00
		21/00
		23/00
	C 23 c	11/00
	C 23 f	13/00
	G 03 g	
93.4 – 93.44	B 05 b	5/00
94 – 97	B 05 b	13/06
	B 05 c	7/00
		8/00
	B 44 d	
	C 03 c	17/00
98 – 99	B 05 c	
	B 44 d	1/02
	C 23 c	
	C 23 d	
	C 23 f	
05	B 41 m	3/00
	B 44 f	
100	B 05 c	7/14
	B 44 d	1/02
	C 03 c	25/00
	C 23 c	
	C 23 d	
	C 23 f	
101	B 05 b	3/02
	B 44 d	1/02
102	B 05 c	11/10
104	B 05 b	
	B 05 c	5/00
	B 44 d	1/08
105	C 23 c	7/00
105.1	B 05 b	7/16
	B 05 c	9/14
105.2	B 05 b	7/20
	B 05 c	9/14
	B 44 c	1/02
105.3 – 105.4	B 05 b	13/02
105.5	B 05 b	7/26
	B 44 d	1/02
	C 03 c	17/00
106	C 23 c	11/00
		13/00
107	C 23 c	13/02
	G 21 h	1/18
107.1	C 23 c	13/00
107.2	C 23 c	11/00
		13/00
		17/02
108	C 23 c	13/00
109	B 05 c	3/04
		3/08
111	B 05 c	
	B 41 k	
	B 44 d	
112	B 41 k	1/48
		3/58
	B 44 d	
113	B 05 c	3/02
	B 44 d	1/06
		1/098
	C 03 c	17/00
		21/00
114	C 23 c	1/00
115	B 05 c	3/12
116 – 117	B 05 c	3/00
	B 44 d	1/26
118	B 44 d	5/12
	C 03 c	17/00
	C 23 c	9/00
		11/00
	C 23 f	7/00
119	B 44 d	1/02
	C 23 c	13/00
119.2	B 44 d	1/44
119.4	B 44 d	1/46
119.6 – 119.8	B 44 d	1/48
120 – 121.2	B 05 c	
	B 44 d	1/02
	C 03 c	17/00
	C 23 c	
	C 23 d	
	C 23 f	
122	A 61 l	15/06
	C 09 j	7/00
123	C 03 c	17/00
		25/02
	C 04 b	41/00
124	C 03 c	17/00
		21/00
125	C 03 c	1/00
		5/00
		7/00
		9/00
		17/00
126	C 03 c	25/00
127	C 23 c	
	C 23 d	
	C 23 f	
128	B 44 d	1/42
128.4	B 44 d	1/42
128.7	B 44 d	1/42
129	B 32 b	15/00
	C 23 d	
130	B 32 b	15/00
	C 23 c	
131	C 23 c	1/00
132	B 32 b	15/08
		27/00
	B 44 d	1/36
133	B 32 b	15/06
		25/04

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 117—Con.		
	B 44 d	1/34
134	B 23 b	9/02
		15/04
	B 44 d	1/34
	C 10 m	1/00
	C 23 c	17/00
	C 23 f	5/04
135	B 32 b	11/08
	B 44 d	1/34
	C 23 c	17/00
	C 23 f	5/04
135.1	B 23 b	15/04
	C 23 c	11/06
135.5	C 09 d	5/00
136–138	C 09 d	1/00
		5/18
138.5	A 61 l	13/00
	O 06 m	13/00
138.8	B 23 b	27/00
	B 44 d	1/22
	C 08 d	13/24
	C 08 j	1/40
139	B 32 b	25/00
	B 44 d	1/22
	C 08 c	17/24
139.4	O 06 m	13/00
		15/00
139.5	C 08 j	1/44
	C 10 m	
140	C 08 c	17/16
	C 08 j	1/44
	O 06 n	3/00
		5/00
141	C 08 h	19/02
	O 06 m	3/02
142	B 44 d	1/32
	C 08 h	19/02
	C 14 c	9/00
	O 06 m	3/02
143	C 08 j	1/36
	O 06 m	1/00
144	C 08 j	1/38
144.5	O 06 m	1/00
145	C 08 d	13/16
146	C 08 c	17/16
147	B 27 k	3/00
	B 44 d	1/26
148	B 27 k	3/34
	B 44 d	1/28
		1/30
149	B 27 k	3/34
	B 44 d	1/26
150	B 27 k	3/34
		3/52
151	B 27 k	3/16
152	O 21 h	1/10
153	O 21 h	5/08
154	O 21 h	1/10
		1/22
155	C 08 c	17/16
	C 08 d	13/16
	O 21 h	1/28
		1/34
156	O 21 h	1/22
		1/34
157	O 21 h	1/30
		1/42
158	O 21 h	1/22
		1/36
		1/44
159	A 61 k	7/02
	B 44 d	5/00
	C 09 d	5/22
	C 09 k	1/00
160	C 03 c	17/06
		21/00
	C 23 b	5/00
		7/00
	C 23 c	
161	B 44 d	1/09
	C 09 d	3/48
		11/10
162, 163	C 09 d	3/36
		11/08
164	C 09 d	3/02
		11/02
165	C 08 h	13/04
	C 09 d	
166	B 44 d	1/30
	C 09 d	3/12
	O 06 n	3/02
167	C 08 h	
	C 09 d	
168	C 09 d	
169	C 04 b	
	C 08 h	
200	H 01 c	7/00
	H 01 g	9/00
201	B 44 c	1/18
	B 44 d	
	C 09 d	5/24
	C 23 c	
	C 23 d	
	C 23 f	
	H 01 b	13/06
	H 01 j	1/13
		9/04
		9/12
202–207	B 23 k	35/00
	C 23 c	
	C 23 d	
	C 23 f	
	C 23 g	1/00
210	H 01 j	1/00
211	H 05 b	33/28
	H 05 k	3/00
212	B 44 d	1/18
213	B 44 d	1/20
	C 23 b	5/62
215–219	B 44 c	1/00
	B 44 d	1/10
		1/12
		1/14
		1/16
		1/18
	C 23 b	1/06
215–217	C 23 b	5/50
		5/64
220	B 44 d	5/00
	C 09 k	
	G 21 h	
221–225	B 44 d	1/02
	C 23 c	
	C 23 d	
	C 23 f	
226	C 09 c	1/44
227	B 44 d	1/02
	C 23 c	
	C 23 d	
	C 23 f	
228	B 44 d	1/20
229	C 03 c	17/00
		21/00
		23/00
230–233	B 44 d	1/34
		1/42
	C 23 c	
	C 23 d	
	C 23 f	
234–240	C 04 b	35/00
	C 09 d	5/00
	C 09 k	3/00
	C 22 c	39/00
		39/12
		39/24
		39/38
		39/46
	G 03 g	19/00
	G 11 b	5/62
		5/84
		11/20
	H 01 f	

U.S. Class 118

Coating apparatus

(IPC B 05 c)

U.S. Subclass	IPC Subclass	IPC Notation
1–12	B 05 c	11/00
13	A 01 j	27/02
	A 21 c	9/04
	A 23 g	3/20
14	A 23 g	3/28
15–17	A 23 g	3/20
18	A 21 c	9/04
19	A 23 g	3/26
20–23	A 23 g	3/20
24, 25	B 05 c	5/00
26–30	A 23 g	3/24
	B 05 c	3/00
31	B 05 c	11/16
31.5	B 41 k	1/00
32–47	B 05 c	11/00
48	C 23 c	11/00
49–50.1	C 23 c	13/08
52–56	B 05 c	11/12
57–70	B 05 c	11/00
71	B 05 c	11/12
72–78	B 05 c	11/00
79	G 03 b	27/66
80–99		
100–126	B 05 c	11/02
127–199		
200–255	B 05 c	1/00
256	B 05 c	1/06
257	B 05 c	1/14
258–262	B 05 c	1/06
		1/08
263–271	B 05 c	11/00
272–299		
300	B 05 b	7/00
	B 05 c	5/00
301	B 05 b	15/04
	B 05 c	5/00
302	B 05 b	7/16
		15/02
	B 05 c	5/00
303, 304	B 05 b	17/00
	B 05 c	5/00
305	B 05 b	13/02
	B 05 c	5/00
306	B 05 b	13/06
	B 05 c	5/00
307	B 05 b	13/02
	B 05 c	5/00
308, 309	B 05 b	7/00
	B 05 c	5/00
310	B 05 b	7/26
	B 05 c	5/00
311	B 05 b	7/06
		7/26
	B 05 c	5/00
312	B 05 b	7/00
	B 05 c	5/00
313–316	B 05 b	7/06
	B 05 c	5/00
317, 318	B 05 b	13/06
	B 05 c	5/00
319	B 05 b	13/02
	B 05 c	5/00
320	B 05 b	13/04
	B 05 c	5/00
321, 322	B 05 b	13/02
	B 05 c	5/00
323	B 05 b	3/00
		9/06
	B 05 c	5/00
324, 325	B 05 b	13/02
	B 05 c	5/00
326	B 05 b	1/28
		15/04
	B 05 c	5/00
327–399		
400–403	B 05 c	3/00
404, 405	B 05 c	3/02
406	B 05 c	3/00
407-415	B 05 c	3/02
416–418	B 05 c	3/00
419, 420	B 05 c	3/12
421–429	B 05 c	3/00
430–499		
500–503	B 05 c	11/14
504, 505	B 05 c	11/16
506	B 05 c	11/00
	B 27 k	3/02
	G 03 f	7/16
507–599		
600–612	B 05 c	11/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 118—Con.		
613–619		
620	B 05 c	5/00
621–629	B 05 c	5/02
630–639	B 05 b	5/02
640–643	B 05 b	5/00
U.S. Class 119		
Animal husbandry		
(IPC A 01 k)		
1	A 01 k	45/00
		67/00
2–4	A 01 k	61/00
5	A 01 k	63/00
		64/00
6	A 01 k	67/04
7–14	B 61 d	3/00
14.01–14.18	A 01 j	3/00
		5/00
14.19–14.21	A 01 j	3/00
14.22, 14.23	A 01 j	1/00
14.24–14.26	A 01 j	5/02
14.27	A 01 j	5/04
14.28	A 01 j	5/04
		5/14
14.29–14.53	A 01 j	5/04
14.54, 14.55	A 01 j	5/00
15–15.6	A 01 k	1/00
16–18	A 01 k	31/00
19	A 01 k	1/02
		31/18
20	A 01 k	1/02
21–23	A 01 k	31/00
24–26	A 01 k	31/12
27, 28	A 01 j	1/00
29–29.5	A 01 k	15/00
30	A 01 k	31/18
		41/02
31–34	A 01 k	31/18
35–43	A 01 k	41/00
		41/02
45	A 01 k	31/00
		31/14
46	A 01 k	33/00
47–50	A 01 k	31/14
51–70	A 01 k	5/00
71	A 01 k	9/00
72–81	A 01 k	7/00
82	A 01 k	29/00
83–94	A 01 k	13/00
95	A 01 k	23/00
96	A 01 k	29/00
	A 62 b	35/00
97	A 01 k	37/00
98–103	A 61 d	3/00
104	A 01 k	29/00
105	A 01 k	13/00
106	A 01 k	27/00
107–108	A 01 k	29/00
109	A 01 k	1/00
110–117	A 01 k	1/00
		3/00
118–119	A 01 k	1/06
		27/00
120–121	A 01 k	3/00
122–125	A 01 k	1/04
126–128	A 01 k	15/00
	B 68 b	1/14
129	A 01 k	29/00
130–133	A 01 k	25/00
134	A 01 k	19/00
135	A 01 k	15/00
136–146	A 01 k	29/00
147–150	A 01 k	1/00
151–157	A 01 k	29/00
158	A 01 k	29/00
	A 61 d	11/00
159–160	A 01 k	29/00
U.S. Class 122		
Liquid heaters and vaporizers		
(IPC F 22 b)		
1, 2	F 22 b	33/00
3	F 22 b	13/06
4	F 22 b	1/00
5	C 10 j	1/00
5.5–6.7	F 22 b	37/00
7	F 22 d	1/00
8	F 22 b	13/00
9	F 22 b	13/00
10	F 22 b	31/00
11	F 22 b	5/00
12	F 22 b	31/00
13–17	F 22 b	5/00
18, 19	F 22 b	5/02
20	F 22 b	33/00
21	F 22 b	1/00
		3/00
22	F 22 b	31/04
23, 24	F 22 b	31/00
25	F 22 b	31/04
26	F 22 b	3/06
	F 29 c	3/00
27, 28	F 22 b	1/02
29, 30	F 22 b	13/00
31–34	F 22 b	1/02
35	F 22 b	37/22
36	F 22 b	1/14
37, 38	F 22 b	33/02
39–41	F 22 b	27/00
42, 43	F 22 b	11/00
44–49	F 22 b	9/00
50–52	F 22 b	9/08
		9/12
53	F 22 b	9/12
		11/00
54–67	F 22 b	9/08
		9/12
68–71	F 22 b	11/00
72–74	F 22 b	9/08
		9/12
75–78	F 22 b	9/06
79–101	F 22 b	9/08
		9/12
102–105	F 22 b	11/00
106–109	F 22 b	9/08
		9/12
110	F 22 b	9/12
111, 112	F 22 b	9/08
113	F 22 b	11/00
114–120	F 22 b	9/02
121, 122	F 22 b	9/06
123–129	F 22 b	9/02
130–134	F 22 b	11/00
135–137	F 22 b	7/00
		31/02
138	F 22 b	7/04
139	F 22 b	7/00
140, 141	F 22 b	7/04
142	F 22 b	7/12
143, 144	F 22 b	7/04
145, 146	F 22 b	7/06
147	F 22 b	7/06
		11/00
148	F 22 b	7/00
149	F 22 b	7/12
150, 151	F 22 b	7/04
		7/12
152	F 22 b	7/16
153, 154	F 22 b	7/04
155–163	F 22 b	7/00
164	F 22 b	7/18
165	F 22 b	7/00
166–172	F 22 b	7/04
173–175	F 22 b	7/04
176, 177	F 22 b	7/06
178–180	F 22 b	7/14
181	F 22 b	7/04
182	F 22 b	7/12
183–186	F 22 b	7/04
187	F 22 b	7/12
188, 189	F 22 b	5/00
190	F 22 b	5/02
191–193	F 22 b	5/00
194–207	F 22 b	5/02
208	F 22 b	37/12
209–232	F 22 b	23/00
		25/00
233, 234	F 22 b	5/00
235	F 22 b	15/00
		25/00
		37/10
236	F 22 b	15/00
		21/00
237–240	F 22 b	31/00
241	F 22 b	5/02
242, 243	F 22 b	37/12
244–246	F 22 b	21/00
247, 248	F 22 b	37/10
249–251	F 22 b	21/00
252	F 22 b	13/10
		21/00
253–255	F 22 b	17/04
		37/10
256, 257	F 22 b	17/04
258	F 22 b	17/00
		21/00
259	F 22 b	5/00
260	F 22 b	37/12
261	F 22 b	21/26
		21/28
262–264	F 22 b	15/00
265	F 22 b	17/00
		21/22
266	F 22 b	25/00
267	F 22 b	15/00
		25/00
268	F 22 b	17/00
		25/00
269	F 22 b	25/00
270	F 22 b	17/00
		25/00
271, 272	F 22 b	21/00
		25/00
273, 274	F 22 b	5/02
		21/22
		21/36
275–278	F 22 b	21/30
279	F 22 b	15/00
		21/30
280–283	F 22 b	21/30
284	F 22 b	21/04
285, 286	F 22 b	15/00
		37/10
287	F 22 b	31/04
288, 289	F 22 b	31/00
290, 291	F 22 b	17/10
292–303	F 22 b	17/10
		31/00
304	F 22 b	31/04
305–309	F 22 b	5/02
310	F 22 b	7/04
311–314	F 22 b	5/02
315	F 22 b	5/02
		17/00
316	F 22 b	5/02
		15/00
317	F 22 b	5/02
318, 319	F 22 b	5/02
		21/00
320	F 22 b	5/02
		21/00
		31/00
321–323	F 22 b	21/00
324–329	F 22 b	21/22
		21/34
330	F 22 b	21/22
		21/34
		31/04
331	F 22 b	15/00
332, 333	F 22 b	21/00
334	F 22 b	21/00
		31/00
335–337	F 22 b	21/00
338	F 22 b	21/04
339	F 22 b	21/04
		31/00
340	F 22 b	21/04
341	F 22 b	11/00
		21/04

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 122—Con.		
342, 343	F 22 b	21/04
344	F 22 b	21/04
		31/00
345	F 22 b	21/00
346, 347	F 22 b	21/04
348	F 22 b	11/02
349 – 352	F 22 b	21/04
353, 354	F 22 b	21/00
		31/00
355 – 359	F 22 b	21/24
		37/12
360 – 365	F 22 b	37/22
366	F 22 b	37/18
367	F 22 b	23/06
		37/10
	F 28 f	1/00
368, 369	F 22 b	13/00
370	F 22 b	13/00
		31/04
371 – 378	F 22 b	31/00
	F 23 h	3/04
379	F 22 b	37/18
		37/48
	F 28 g	1/00
380	F 22 b	37/18
	F 28 g	1/00
381, 382	F 22 b	37/54
	F 28 f	15/00
	F 28 g	9/00
383 – 386	F 22 b	37/48
387	F 22 b	37/48
	F 28 g	1/00
		9/00
388	F 22 b	37/48
	F 28 g	9/00
389	F 22 b	37/48
	F 28 g	9/00
390	F 22 b	37/52
	F 28 g	9/00
391	F 22 b	9/08
		37/52
392	F 22 b	37/52
393	F 22 b	5/04
		37/18
		37/48
	F 28 g	1/00
394	F 22 b	37/18
		37/48
395	F 22 b	37/48
	F 28 g	1/12
396	F 22 b	37/48
	F 28 g	13/00
397	F 22 b	37/18
		37/48
398	F 22 b	37/48
	F 22 d	5/00
399	F 22 b	37/50
400	F 22 b	37/48
401	F 22 b	37/48
	F 28 g	9/00
402	F 22 b	37/48
403	F 22 b	37/48
	F 22 d	1/00
404	F 22 b	37/48
	F 22 d	7/04
405	F 22 b	37/48
406	F 22 d	7/00
407	F 22 d	1/00
		7/04
408 – 411	F 22 d	7/00
412 – 414	F 22 d	1/00
415	F 22 d	1/00
		5/00
417 – 419	F 22 d	1/00
420, 421	F 22 d	1/02
422	F 22 d	1/40
423, 424	F 22 b	11/00
	F 22 d	1/00
425	F 22 d	1/40
426 – 428	F 22 d	1/00
429, 430	F 22 b	37/54
	F 22 d	1/00
431	F 22 b	37/18
	F 22 d	1/00
432	F 22 d	1/00
433	F 22 b	1/00
		37/18
434	F 22 d	1/42
435 – 437	F 22 d	1/00
438	F 22 d	1/00
439	F 22 d	1/02
441	F 22 d	1/28
		1/32
		1/40
442, 443	F 22 d	1/28
444	F 22 d	1/02
446	F 22 d	7/00
447	F 22 b	37/46
448, 449	F 22 b	37/42
	F 22 d	5/00
450 – 456	F 22 d	5/26
457	F 22 d	1/12
458	F 22 d	1/12
		5/26
459	F 22 g	1/00
		3/00
	F 28 b	1/00
460	F 22 g	3/00
461 – 464	F 22 g	7/00
465	F 22 g	7/10
466	F 22 g	7/00
467, 468	F 22 g	3/00
		7/00
469	F 22 g	7/08
470	F 22 g	7/12
471 – 476	F 22 g	7/14
477	F 22 d	1/00
	F 22 g	7/14
478	F 22 g	7/14
479	F 22 g	5/00
480	F 22 g	5/04
481	F 22 g	7/08
482	F 22 g	7/02
483, 484	F 22 g	1/00
485	F 22 g	1/16
486	F 22 g	3/04
487	F 22 g	5/12
488, 489	F 16 t	1/00
	F 22 b	37/26
490	F 22 b	37/42
491, 492	F 16 t	1/00
	F 22 b	37/26
493	F 22 b	37/24
494	F 22 b	37/36
495	F 22 b	37/42
496	F 22 b	37/24
497	F 23 m	5/08
498	F 23 m	7/04
499	F 22 d	1/00
	F 23 m	5/08
500	F 22 b	13/00
501, 502	F 22 b	37/10
503	F 23 m	9/10
504	F 22 b	37/42
504.1	F 22 b	37/46
504.2	F 22 f	5/00
		7/00
504.3 – 506	F 22 b	37/42
507	F 22 b	37/44
508, 509	F 22 b	37/22
510	F 22 b	37/24
511	F 22 b	37/06
		37/10
512	F 22 b	17/02
		37/10

U.S. Class 123

Internal combustion engines

(IPC F 02 b)

U.S. Subclass	IPC Subclass	IPC Notation
1	F 02 b	75/12
2	F 02 b	63/00
3	F 02 b	43/08
8, 11 – 18	F 02 b	53/00
		55/00
0		
19	F 02 b	75/00
21	F 02 b	69/06
22	F 02 b	41/00
23	F 02 b	45/00
	F 02 d	19/04
24	F 02 b	45/06
25	F 02 d	19/00
		47/00
26	F 02 b	41/00
27 – 33	F 02 b	3/00
34, 35	F 02 b	69/00
37 – 39	F 02 b	75/00
41	F 01 l	13/02
		29/00
	F 02 d	27/00
41.01	F 01 p	9/00
41.02, 41.03	F 01 p	7/00
41.04 – 41.07	F 01 p	7/02
41.08 – 41.1	F 01 p	7/14
41.11 – 41.13	F 01 p	7/02
41.14	F 01 p	11/02
		11/20
41.15	F 01 p	5/14
		11/14
41.16	F 01 l	3/14
	F 02 f	3/18
41.17	F 01 p	9/02
41.18	F 01 p	9/00
41.19	F 01 p	3/22
41.2 – 41.27	F 01 p	9/02
41.28	F 02 b	75/18
41.29	F 01 p	3/00
41.3	F 01 p	9/04
41.31	F 01 p	1/06
		3/12
41.32	F 01 p	1/10
		3/16
41.33	F 01 p	11/08
41.34	F 01 p	1/06
		3/12
41.35 – 41.39	F 01 p	1/04
		3/06
41.4, 41.41	F 01 p	1/08
		3/14
41.42, 41.43	F 01 p	3/00
41.44 – 41.47	F 01 p	5/10
41.48, 41.49	F 01 p	7/10
41.5	F 01 p	11/20
41.51	F 01 p	3/20
41.52, 41.53	F 01 p	3/04
41.54	F 01 p	3/22
41.55	F 01 p	11/00
41.56	F 01 p	1/00
41.57	F 01 p	9/04
41.58, 41.59	F 01 p	7/00
41.6 – 41.62	F 02 f	1/34
41.63 – 41.66	F 01 p	7/04
		7/06
41.67 – 41.68	F 01 p	1/02
41.69	F 02 f	1/06
		1/30
41.7	F 01 p	1/02
41.71	F 01 f	1/02
41.72	F 02 f	1/10
41.73	F 01 p	3/02
41.74	F 02 b	75/18
41.75	F 01 p	3/02
41.76 – 41.78	F 01 p	3/14
41.79, 41.80	F 02 f	1/14
41.81	F 02 f	1/10
41.82	F 02 f	1/36
41.83, 41.84	F 02 f	1/10
41.85	F 01 p	1/06
		3/12
41.86	F 02 f	9/00
42	F 02 b	59/00
43, 44	F 02 b	57/00
45	F 02 b	53/00
46	F 02 b	71/00
	F 02 d	39/10
47	F 01 l	11/00
48	F 02 b	75/04
		75/36
50	F 02 b	59/00
51	F 02 b	25/08
		25/10
		75/28
52	F 02 b	75/18
53	F 02 b	25/12
54	F 02 b	75/26
55	F 02 b	75/22

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 123—Con.		
56	F 02 b	75/24
57	F 02 b	75/28
58	F 02 b	75/26
59, 60	F 02 b	75/20
61	F 02 b	75/16
62	F 02 b	33/06
63	F 02 b	75/16
64	F 02 b	75/02
65	F 02 b	75/02
	F 02 d	39/04
66	F 02 b	33/04
67	F 02 b	33/44
68	F 02 b	33/00
69	F 02 b	1/08
70	F 02 b	33/22
71	F 02 b	33/10
72	F 02 b	33/20
73	F 02 b	33/04
74	F 02 b	33/12
75	F 02 b	75/02
	F 02 d	39/02
76	F 02 b	25/00
77	F 02 b	75/00
78	F 02 b	75/04
79	F 01 l	1/28
80	F 01 l	7/00
81	F 01 l	7/00
82, 83	F 01 l	1/12
84, 85	F 01 l	1/26
86	F 01 l	1/28
87 – 89	F 01 l	1/12
90, 91	F 01 l	1/00
92	F 01 l	9/02
93, 94	F 01 l	1/04
95, 96	F 01 l	1/12
97	F 02 d	31/00
98	F 02 d	11/02
99 – 101	F 02 d	37/00
102	F 02 d	11/10
103	F 02 d	11/08
104	F 02 d	1/04
105 – 107	F 02 d	13/00
108	F 02 d	9/00
109	F 02 d	13/00
110	F 02 d	9/00
111 – 116	F 02 d	13/00
117	F 02 p	5/04
118	F 02 p	9/00
119	F 02 b	33/00
	F 02 m	7/00
120	F 02 m	21/02
121	F 02 m	13/08
122	F 02 m	31/00
123	F 02 m	13/06
124	F 02 m	23/04
125	F 02 m	17/18
126	F 02 b	15/00
127	F 02 m	13/06
128	F 02 m	17/00
129, 130	F 02 m	17/14
131	F 02 m	7/00
132	F 02 m	5/00
133	F 02 m	17/18
134	F 02 m	17/22
135	F 02 m	17/18
136	F 02 m	59/00
137	F 02 m	59/02
138	F 02 m	59/12
139	F 02 m	39/00
140	F 02 d	1/04
		1/06
141	F 02 m	29/00
142	F 02 m	17/00
142.5	F 02 n	17/02
143	F 02 p	23/00
144	F 02 p	21/00
145	F 02 b	9/08
	F 02 p	19/00
146	F 02 p	19/00
146.5	F 02 p	1/00
147	F 02 p	15/00
148, 149	F 02 p	1/00
150 – 152	F 02 p	13/00
153, 154	F 02 p	15/00
155	F 02 p	15/06
156 – 161	F 02 p	15/00
162	F 02 p	15/04
163	F 02 p	15/00
164	F 02 p	5/00
169	F 02 p	1/00
179	F 02 n	17/00
180	F 02 m	1/16
182	F 01 l	13/08
183	F 02 n	13/00
184	F 02 n	17/00
185	F 02 n	1/00
186	F 02 p	9/00
187.5	F 02 m	1/16
188, 189	F 01 l	3/00
190	F 01 l	7/00
191	F 02 b	23/00
192	F 02 b	75/06
193	F 02 f	
195	F 02 f	7/00
196	F 01 m	1/00
197	F 02 b	75/32
198	F 02 b	77/00

U.S. Class 124

Mechanical guns and projectors

(IPC F 41 b)

1	F 41 b	15/00
	F 41 f	7/00
2	F 41 b	7/00
		11/00
3	F 41 f	1/02
		7/00
4 – 9	F 41 b	3/04
	F 41 f	7/00
10	F 41 b	15/00
	F 41 f	7/00
11	F 41 b	11/00
	F 41 f	1/04
		7/02
12	F 41 b	1/00
13, 14	F 41 b	11/00
	F 41 f	1/04
		7/02
15	F 41 b	11/00
	F 41 f	1/04
16, 17	F 41 b	7/00
	F 41 f	7/00
18, 19	F 41 b	7/02
	F 41 f	7/00
20 – 22	F 41 b	7/00
	F 41 f	7/00
23 – 25	F 41 b	5/00
26	F 41 b	15/00
	F 41 f	1/00
		7/00
27, 28	F 41 b	15/00
	F 41 f	1/00
29	F 41 b	15/00
	F 41 f	1/00
		23/00
30	F 41 b	15/00
	F 41 d	11/00
31	F 41 c	19/00
	F 41 d	11/00
	F 41 f	13/02
32	F 13 f	13/08
	F 41 c	19/12
33 – 39	F 41 c	19/00
	F 41 d	11/00
	F 41 f	13/02
40	F 41 c	17/00
41	F 41 d	9/00
		11/14
	F 41 f	9/00
42, 43	F 41 f	9/00
44	F 41 f	9/00
45 – 53	F 41 c	25/00

U.S. Class 125

Stone working

(IPC B 28 d)

1, 2	B 28 d	1/00
3 – 5	B 28 d	1/18
6 – 8	B 28 d	1/22
9	B 28 d	1/20
10	B 28 d	1/16
11	B 24 b	53/00
12	B 28 d	1/02
13 – 15	B 28 d	1/04
16 – 18	B 28 d	1/06
19, 20	B 28 d	1/02
21	B 28 d	1/08
22	B 28 d	1/12
23 – 25	B 28 d	1/32
26	B 28 d	1/00
27 – 29	B 28 d	3/00
30	B 28 d	5/00
35	B 28 d	7/04
36	B 28 d	5/04
37	B 28 d	5/02
38, 39	B 28 d	5/04
40 – 43	B 28 d	1/26

U.S. Class 126

Stoves and furnaces

(IPC F 24 c)

1	F 24 c	1/00
2, 3	F 23 m	3/18
	F 24 c	15/08
4	F 24 c	1/14
		13/00
5	F 24 c	13/00
6	F 24 c	1/14
7	F 24 b	7/00
		9/00
		13/04
8	F 24 c	15/08
9	F 24 c	1/16
0		
10, 11	F 24 b	1/08
		13/04
12, 13	F 23 m	5/00
	F 24 c	15/08
14	F 24 c	15/00
15	F 24 b	5/00
16	F 23 j	3/00
17	F 24 c	15/18
18	F 24 c	15/30
19	A 21 b	1/00
19.5	F 24 b	1/00
20 – 20.2	A 21 b	1/08
21, 22	A 21 b	1/00
	F 24 c	15/32
23	F 24 c	1/00
24	F 24 c	15/30
25 – 28	A 47 j	37/00
	F 24 b	3/00
29, 30	F 24 b	3/00
31	F 24 c	13/00
32	F 24 c	15/00
33	F 24 b	9/00
34, 35	F 24 c	13/00
36	F 24 c	1/02
		3/00
37	F 24 c	15/10
38	F 24 c	5/20
39	F 24 c	3/00
40	F 24 c	3/08
41	A 47 j	37/00
	F 24 c	3/00
42	F 24 c	3/12
43	F 24 c	5/00
44	F 24 c	5/02
45	F 24 c	5/04
46 – 49	F 24 c	5/04
50	F 24 c	5/00
		15/08
51	F 24 c	5/00

U.S. Class 126—Con.

U.S. Subclass	IPC Subclass	IPC Notation
		15/14
52	F 24 c	3/12
		5/16
53, 54	F 24 c	13/00
55	F 24 c	15/08
56	F 24 c	1/00
57	F 24 c	3/12
		5/16
58	F 24 c	1/00
59	F 24 c	1/16
59.5	A 01 g	13/06
60	F 24 c	1/00
61	F 24 c	1/14
62	F 24 c	1/00
63	F 24 c	1/14
64	F 24 c	15/08
65, 66	F 24 b	3/00
67	F 24 b	3/00
	F 24 c	1/14
68, 69	F 24 b	7/00
		13/04
70–72	F 24 b	7/00
	F 24 c	1/14
73, 74	F 24 b	13/04
75	F 24 c	1/08
76	F 24 b	5/00
77	F 24 c	1/14
78	F 24 c	13/00
79	F 24 b	5/00
	F 24 c	1/08
80	F 24 c	1/14
81	F 24 c	15/06
82	F 24 c	15/08
83	F 24 c	15/28
84	F 24 c	15/20
85	F 24 c	3/00
86	F 24 c	3/02
87, 88	F 24 c	3/04
89	F 24 c	3/02
90, 91	F 24 c	3/00
92	F 24 c	3/04
93–95	F 24 c	5/00
96, 97	F 24 c	5/04
98	F 24 c	15/00
99	F 24 h	3/00
100	F 24 b	7/00
101	F 24 d	9/00
102–104	F 24 h	3/06
105	F 24 h	9/12
106	F 24 h	3/12
107	F 24 h	9/18
108	F 24 h	3/00
109	F 24 h	3/08
110	F 24 h	3/02
111, 112	F 24 h	3/00
113	F 24 f	3/14
	F 24 h	3/00
114	F 24 h	3/00
		9/02
115, 116	F 24 h	3/00
117	F 24 h	3/12
118	F 24 h	3/00
119	F 24 h	9/14
120	F 24 b	1/18
121–124	F 24 b	7/00
125	F 24 b	1/28
126	F 24 c	15/30
127–129	F 24 c	3/00
		5/00
130	F 24 b	13/02
	F 24 c	15/12
131	F 24 b	7/00
132	F 24 b	9/04
133	F 24 b	9/04
	F 24 c	3/00
134	F 24 f	3/14
135, 136	F 23 l	5/02
137	F 24 b	1/26
138, 139	F 24 c	15/12
140	F 24 c	15/10
141	F 24 b	1/18
	F 24 c	15/22
142	F 24 b	1/18
	F 24 c	15/20
143	F 24 b	13/02
144–151	F 23 m	5/00
	F 24 b	13/02
152	F 23 h	13/00
153	F 23 h	17/08
154	F 23 h	13/00
155	F 23 h	9/04
		11/24
156, 157	F 23 h	9/00
		11/24
158	F 23 h	9/04
		11/26
159	F 23 h	9/04
		11/24
160	F 23 h	1/02
161	F 23 h	13/00
162	F 23 h	13/06
163	F 23 h	1/02
164	F 23 h	13/00
165	F 23 h	13/02
166	F 23 k	3/22
167, 168	F 23 h	17/12
169	F 23 h	11/20
170–172	F 23 h	7/18
		9/12
173	F 23 h	15/00
174, 175	F 23 h	7/08
		7/14
176–180	F 23 h	7/10
		7/16
181	F 23 h	9/02
182	F 23 h	9/00
190–198	F 23 m	7/00
	F 24 c	15/04
200	F 23 m	7/00
	F 24 d	15/04
201–203	F 24 c	15/36
204–210	A 61 f	7/06
211–212	F 24 c	15/10
213	F 24 c	15/10
		15/22
214–218	F 24 c	15/10
219	F 24 c	15/06
		15/10
220, 221	F 24 c	15/10
222–225	F 23 g	3/00
226	F 24 c	1/00
227–229	F 24 c	3/00
		5/00
230	F 24 c	1/00
231–235	F 24 c	3/00
236	F 24 c	1/00
237, 238	F 24 c	3/00
239–241	F 24 c	5/00
242, 243	F 23 j	1/00
244	F 23 j	1/06
245	F 23 j	1/00
246	A 47 g	23/04
	F 24 c	15/18
247	F 24 c	9/00
248	F 24 c	1/00
249–254	F 24 c	3/00
255–260	F 24 c	5/04
261, 262	A 47 g	23/04
263	F 24 j	1/00
		3/00
265	F 23 c	1/00
266, 267	F 23 c	1/00
268	A 47 g	23/04
269	F 28 f	13/00
270, 271	F 24 j	3/02
271.2	F 23 c	5/00
271.3	F 23 b	3/00
273	A 21 b	1/00
273.5	A 21 b	1/04
	F 24 c	15/34
274	A 21 b	1/00
275	A 21 b	1/52
	F 24 c	1/16
		3/14
		5/20
276	F 24 c	1/16
		3/14
		5/20
277–279	F 24 c	15/08
280	F 24 c	15/14
281, 282	A 21 c	13/00
283	F 24 b	1/08
		1/16
		13/04
284	F 24 h	1/00
285	F 23 l	3/00
		11/00
		13/00
285.5	F 23 n	3/00
286, 287	F 23 l	3/00
		11/00
		13/00
287.5	F 23 n	3/04
288–297	F 23 l	3/00
		11/00
		13/00
298	F 24 b	13/00
299–303	F 24 c	15/20
304–306	F 24 c	15/08
307–312	F 23 j	11/00
313	F 23 j	11/00
	F 24 f	5/00
314, 315	F 23 j	13/00
316	F 23 j	13/06
317	F 23 j	13/00
318	F 23 j	13/04
319	F 23 j	13/08
332–340	F 24 c	15/16
343.5, 344	E 01 c	19/45
	F 24 h	1/00
345–349	F 24 h	1/18
350, 351	F 24 h	1/00
355	F 24 h	1/10
357	F 24 h	1/04
358	F 24 h	9/00
359	F 24 h	1/10
360	F 24 h	1/20
361–363	F 24 h	1/00
364, 365	F 24 h	1/00
		9/12
366	F 24 h	1/36
367, 368	F 24 b	9/00
369–369.3	F 24 d	1/00
373	A 47 j	27/00
	F 24 h	1/00
374	A 47 j	27/00
375	F 24 h	7/00
376	A 47 j	27/10
	F 24 h	1/00
377–379	A 47 j	27/06
		27/16
380	A 47 j	27/00
381, 382	A 47 j	27/00
383–386	A 47 j	27/58
387	A 47 j	27/00
388	A 47 j	27/00
389	A 47 j	27/00
390–392	A 47 j	27/00
400	F 24 h	7/00
401	F 24 j	
402–404	A 01 k	11/00
	B 44 b	7/02
405–407	B 44 b	7/02
408, 409	A 45 d	1/04
410	D 06 f	67/00
411, 412	D 06 f	75/00
413, 414	B 23 k	3/02

U.S. Class 127

Sugar, starch and carbohydrates

(IPC C 13 d)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 01 j	1/00
		3/00
	C 13 k	
2	B 01 j	1/00
		3/00
	C 13	
3	C 13 d	1/12
4	B 02 c	
	C 13 c	
	C 13 d	
5–8	C 13 d	1/12
9	C 13 d	3/00
	C 13 j	
10	B 01 d	13/00
	C 13 d	3/16

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 127—Con.		
	C 13 j	1/08
11–14	B 01 d	21/00
	C 13 d	3/00
	C 13 j	1/08
15, 16	B 01 d	9/00
	C 13 f	1/00
17–21	C 13 f	1/00
22	C 13 f	1/00
23	C 13 l	1/00
24–27	A 23 n	1/00
		13/00
		15/00
	C 10 l	1/00
28	C 10 l	1/00
29	C 13 f	3/00
	C 13 l	
30	C 13 f	3/00
	C 13 k	
31	C 13 k	5/00
32, 33	C 13 l	1/08
34	C 13	
36	C 13 k	
37	C 13 k	1/02
38–40	C 13 k	1/06
41	C 13 k	1/08
42	C 13 d	
	C 13 f	
	C 13 j	
43	C 13 d	1/00
44	C 13 d	1/14
45	C 13 d	1/00
46	C 13 d	3/00
	C 13 j	
	C 13 k	
47	C 13 d	3/00
	C 13 j	1/04
48	C 13 d	3/00
	C 13 j	1/02
49	B 01 d	15/00
	C 13 d	3/14
	C 13 j	1/06
50–52	C 13 d	3/00
	C 13 j	1/02
53	B 01 d	15/00
	C 13 d	3/12
		3/16
	C 13 j	1/08
54	B 01 d	13/00
	C 13 d	3/16
	C 13 j	1/08
55	C 13 d	3/12
56	C 13 f	1/06
57	C 13 d	3/16
58–60	C 13 f	1/02
61, 62	C 13 f	1/00
63	C 13 f	1/04
64	C 13 f	1/08
65–71	C 13 l	1/00

U.S. Class 128

Surgery

(IPC A 61)

1	A 61 b	19/00
1.1	A 61 k	3/04
1.2	A 61 j	1/00
1.3–1.5	A 61 b	17/52
2	A 61 b	5/10
2.05	A 61 b	5/02
2.06	A 61 b	5/04
2.07	A 61 b	5/00
2.08	A 61 b	5/08
2.1	A 61 b	5/04
3–5	A 61 b	1/00
6	A 61 b	1/06
7	A 61 b	1/06
		1/30
8	A 61 b	1/06
9	A 61 b	1/22
0		
10	A 61 b	1/26
11	A 61 b	1/06
12	A 61 b	1/00
13	A 61 b	1/06
14	A 61 d	1/00
15	A 61 b	1/24
16	A 61 b	1/06
17	A 61 b	11/00
18	A 61 b	1/06
19	A 61 d	1/00
		13/00
20	A 61 b	1/00
21	A 61 b	1/00
22, 23	A 61 b	1/06
24	A 61 h	1/00
24.1	A 61 h	29/00
24.2	A 61 h	21/00
24.3–24.5	A 61 h	29/00
25, 26	A 61 h	1/02
28	A 61 h	31/00
30–30.2	A 61 h	31/02
31	A 61 h	1/02
32–43	A 61 h	1/00
44–53	A 61 h	7/00
54, 55	A 61 h	23/00
56	A 61 h	7/00
57	A 61 h	15/00
58	A 61 h	11/00
59–64	A 61 h	7/00
65, 66	A 61 h	9/00
67	A 61 h	7/00
68–74	A 61 f	5/00
75	A 61 h	1/02
76	A 61 f	5/08
76.5	A 61 h	5/00
77	A 61 f	5/10
78	A 61 f	5/02
79	A 61 f	5/00
80	A 61 f	3/00
		5/00
81	A 61 f	5/00
82	A 61 f	13/00
		15/00
82.1	A 61 n	
83–93	A 61 f	5/04
94	A 61 f	5/40
95–98	A 61 f	5/24
99, 100	A 61 f	5/28
101	A 61 f	5/26
102–111	A 61 f	5/28
112–115	A 61 f	5/30
116	A 61 f	5/32
117	A 61 f	5/30
118	A 61 f	5/34
		13/00
119, 120	A 61 f	5/30
121–126	A 61 f	5/24
127–131	A 61 f	5/46
132–135	A 61 f	13/00
136	A 61 f	5/56
137	A 61 f	5/58
138, 139	A 61 b	19/00
140, 141	A 61 f	13/00
		15/00
	A 62 b	18/00
142	A 62 b	7/02
142.2	A 62 b	7/04
142.3	A 62 b	7/02
142.4, 142.5	A 62 b	7/00
142.6	A 62 b	7/10
142.7	A 62 b	18/04
143, 144		
145–145.8	A 62 b	7/00
146–146.7	A 62 b	23/06
147	A 61 b	7/00
	A 61 f	13/00
148		
149	A 61 b	19/00
150	A 61 j	13/00
151	A 61 f	11/00
152	A 61 f	11/02
153	A 61 f	5/30
154	A 61 b	19/00
155		
156	A 61 l	15/00
157	A 61 f	
158–162	A 61 f	5/40
163, 164	A 61 f	13/12
165	A 61 f	13/00
166–166.5	A 61 f	13/06
167		
168–171	A 61 f	13/00
172–172.2	A 61 m	31/00
173–173.3	A 61 m	11/00
174–183		
184	A 61 m	13/00
185–187	A 61 m	15/00
188	A 61 m	17/00
189	A 61 m	15/00
190	A 61 m	15/02
191–205	A 61 m	15/00
206, 207	A 61 m	15/08
208	A 61 m	15/06
209–212	A 61 m	15/00
213	A 61 j	7/00
214–217	A 61 m	5/00
218–220	A 61 m	5/00
221	A 61 m	5/00
		5/04
222	A 61 j	7/00
223	A 61 d	7/00
224–229	A 61 m	3/00
230–238	A 61 m	1/00
239–247	A 61 m	3/00
248–250	A 61 m	7/00
251	A 61 m	7/02
252	A 61 j	11/00
253	A 61 b	17/20
254–257	A 61 f	7/00
258	A 61 f	7/04
259		
260	A 61 m	7/00
		31/00
261, 262	A 61 m	35/00
263	A 61 f	15/00
264	A 61 m	31/00
265, 266	A 61 l	13/00
267	A 61 j	3/80
268	A 61 f	7/02
269	A 61 m	35/00
270	A 61 f	13/20
271	A 61 f	15/00
272	A 61 j	1/00
273, 274	A 61 m	1/00
275, 275.1	A 61 f	5/44
276–278	A 61 m	1/00
279		
280, 281	A 61 m	1/06
282	A 61 m	1/08
283	A 61 f	5/44
284	A 61 f	13/16
		13/18
		13/20
285	A 61 f	13/20
286	A 61 f	5/44
287–291	A 61 f	13/16
292		
293	A 61 f	7/00
294	A 61 f	5/42
295	A 61 f	5/44
296	A 61 f	13/00
297–302	A 61 m	1/00
303	A 61 b	17/00
303.1–303.17	A 61 b	17/36
303.18	A 61 b	17/40
303.19	A 61 b	17/36
304	A 61 b	17/22
305	A 61 b	17/32
306	A 61 b	1/06
307	A 61 b	17/46
	A 61 d	1/10
308		
309	A 61 b	1/72
310	A 61 b	17/16
311	A 61 b	17/32
312	A 61 b	17/16
313–315	A 61 b	17/32
316	A 61 d	1/00
317	A 61 b	17/14
318	A 61 b	17/32
319, 320	A 61 b	17/00
321, 322	A 61 b	17/28
323	A 61 b	17/44
324	A 61 d	1/08
325–327	A 61 b	17/12
328	A 61 b	17/00

U.S. Class 128—Con.

U.S. Subclass	IPC Subclass	IPC Notation
329	A 61 b	17/34
330	A 61 b	17/00
331, 332		
333	A 61 b	
334	A 61 b	17/04
335	A 61 b	17/08
335.5	A 61 l	17/00
336	A 61 d	1/00
337	A 61 b	17/08
338		
339 – 340	A 61 b	17/06
341 – 343	A 61 m	29/00
344	A 61 m	29/02
345	A 61 m	29/00
346	A 61 b	17/00
347	A 61 b	17/34
348 – 349	A 61 m	25/00
350	A 61 m	27/00
351	A 61 m	25/00
352, 353	A 61 b	17/42
354	A 61 b	17/30
355	A 61 b	17/00
356	A 61 b	17/24
357	A 61 b	17/00
358		
359, 360	A 61 j	17/00
361	A 61 b	17/42
	A 61 d	1/08
362	A 61 n	
363, 364	A 63 b	21/00
365 – 370	A 61 h	33/00
371 – 375	A 61 h	33/06
376 – 398	A 61 n	/00
399, 400	A 61 f	7/00
401	A 61 f	7/12
402	A 61 f	7/00
403	A 61 f	7/04
404 – 318	A 61 n	/00
419 – 424	H 05 g	/00
425 – 430	A 41 c	3/00
431 – 440	A 41 c	1/06
441	A 41 c	3/02
442 – 451	A 41 c	1/06
452 – 459	A 41 c	3/08
460	A 41 c	3/04
461 – 464	A 41 c	3/00
465 – 477	A 41 c	1/14
478 – 481	A 41 c	3/10
482	A 41 c	3/02
483 – 511	A 41 c	3/00
512	A 41 c	3/06
513 – 517	A 41 c	3/00
518 – 520	A 41 c	1/00
521	A 41 c	1/04
522 – 578	A 41 c	1/00
579	A 41 c	1/08
580	A 41 c	1/00
581, 582	A 61 f	5/14
583	A 43 b	7/24
584, 585	A 61 f	5/14
586	A 43 b	7/14
587 – 593	A 61 f	5/14
594	A 43 b	7/14
	A 61 f	5/18
595 – 613	A 41 f	5/14
614	A 43 b	7/16
615 – 623	A 61 f	5/14

U.S. Class 130

Threshing

(IPC A 01 f)

U.S. Subclass	IPC Subclass	IPC Notation
1	A 01 f	7/00
		9/00
		12/14
2	A 01 f	11/04
4	A 01 f	5/00
5	A 01 f	7/00
		9/00
		11/06
6 – 9	A 01 f	11/06
10	A 01 f	5/00
13	A 01 f	11/02
20	B 65 g	3/02
21 – 23	A 01 f	7/00
		9/00
		12/00
24, 25	A 01 f	7/00
		9/00
		12/30
26	A 01 f	7/00
		9/00
		12/28
27	A 01 f	7/00
		12/20
		12/28
28	A 01 f	9/00
		12/18
29	A 01 f	7/00
		12/54
30, 31	A 01 d	
33	A 01 f	9/00
		11/06
		12/18

U.S. Class 131

Tobacco

(IPC A 24 f)

U.S. Subclass	IPC Subclass	IPC Notation
1	A 24 d	
	A 24 f	47/00
2	A 24 b	15/00
	A 24 f	3/00
3	A 24 d	1/14
4	A 24 d	1/08
		1/10
		1/12
	A 24 f	3/00
		13/12
5	A 24 f	47/00
6	A 24 d	1/16
7	A 24 d	1/08
8	A 24 d	1/00
9	A 24 d	1/04
		1/06
10	A 24 d	1/04
		1/06
		1/14
10.1	A 24 b	15/04
	A 24 d	1/06
	A 24 f	25/00
10.3	A 24 d	1/04
	A 24 f	1/16
		7/00
10.5 – 10.9	A 24 d	1/00
		1/04
	A 24 f	7/00
11	A 24 d	1/04
	A 24 f	7/00
12, 13	A 24 d	1/04
		1/06
	A 24 f	7/00
14	A 24 d	1/00
	A 24 f	47/00
15	A 24 c	1/26
		1/30
		5/08
		5/10
	A 24 d	1/02
16	A 24 d	1/00
17	A 24 b	3/14
		13/00
20	A 24 b	3/00
		5/00
		7/00
		9/00
		11/00
		13/00
		15/00
	A 24 c	1/00
		3/00
		5/00
21	A 24 b	7/14
		9/00
	A 24 c	1/00
		3/00
		5/00
22	A 24 b	7/14
		9/00
	A 24 c	1/00
		1/06
		3/00
		5/00
		5/34
23	A 24 b	3/00
		7/14
		9/00
	A 24 c	1/00
		3/00
		5/30
24	A 24 c	1/42
		5/38
		5/60
25	A 24 c	1/10
		1/12
		1/14
		1/44
		5/08
	A 24 d	1/10
26	A 24 c	1/14
		1/26
27	A 24 c	1/22
		5/10
28	A 24 c	3/00
		5/00
		5/60
29, 30	A 24 c	1/32
		3/00
		5/48
		5/50
		5/58
31	A 24 b	3/12
		9/00
		15/00
		15/02
		15/04
	A 24 c	5/00
32	A 24 c	1/26
		3/00
		5/08
33	A 24 c	1/04
		1/36
		3/00
		5/28
34	A 24 c	1/04
		3/00
		5/46
35	A 24 c	1/34
		3/00
		5/24
36	A 24 c	1/02
		3/00
37	A 24 c	1/02
		1/12
		1/34
		5/02
		5/24
38	A 24 c	1/02
		3/00
40	A 24 c	1/16
		3/00
		5/32
41	A 24 c	1/22
		3/00
42	A 24 c	1/16
		3/00
43	A 24 c	1/18
		3/00
44	A 24 c	1/08
		3/00
45	A 24 c	1/18
		3/00
46	A 24 c	1/36
		3/00
		5/12
47 – 54	A 24 c	1/10
		5/08
55	A 24 c	1/00
		5/00
56, 57	A 24 c	1/12
		1/22
		5/10

U.S. Class 131—Con.

U.S. Subclass	IPC Subclass	IPC Notation
58	A 24 c	1/26
		5/08
		5/10
59	A 24 c	1/26
60	A 24 c	1/28
61	A 24 c	1/32
		5/50
		5/52
62	A 24 c	1/38
		5/00
63–64	A 24 c	1/36
		5/10
		5/12
65	A 24 c	1/36
		5/10
		5/12
		5/28
66	A 24 c	1/26
		1/32
		5/06
		5/18
67	A 24 c	1/26
		1/34
		5/10
		5/24
68	A 24 c	1/26
		5/10
		5/26
69	A 24 c	1/34
		5/24
70	A 24 c	1/26
		5/02
71	A 24 c	1/32
		5/02
		5/48
		5/56
		5/58
72	A 24 c	1/26
		5/48
		5/52
		5/58
73–74	A 24 c	1/26
		5/46
		5/48
75	A 24 c	1/18
		1/20
		5/06
76	A 24 c	1/32
		5/48
77	A 24 c	1/18
		1/20
		5/06
		5/18
78	A 24 c	3/00
		5/00
		5/06
79	A 24 c	1/18
		1/20
		5/06
80	A 24 c	1/18
		1/20
		5/18
81	A 24 b	7/14
	A 24 c	1/02
		1/24
82	A 24 c	1/02
		1/18
		1/20
		5/06
		5/18
83	A 24 c	1/18
		1/20
		1/24
		5/18
84	A 24 c	5/18
85	A 24 c	1/18
		1/20
		5/06
86	A 24 c	1/18
		5/06
87	A 24 c	1/20
		5/06
		5/18
88	A 24 c	1/32
		5/48
89	A 24 c	1/32
		5/54
90	A 24 c	1/32
		1/34
		5/18
		5/24
91	A 24 c	1/32
		1/36
		5/28
92	A 24 c	1/32
		5/26
		5/54
93–94	A 24 c	1/32
		5/48
		5/54
95	A 24 c	5/46
		5/48
		5/58
96	A 24 b	13/00
	A 24 c	1/04
105	A 24 f	17/00
106	A 24 c	1/42
107	A 24 c	1/10
		1/44
108	A 24 b	7/14
	A 24 c	1/02
109	A 24 b	1/02
		3/06
		7/14
110	A 24 b	7/14
	A 24 c	1/02
		5/32
111	A 24 b	1/10
112	A 24 b	1/10
	A 24 c	1/08
113	A 24 c	1/42
		5/60
114	A 24 c	1/42
		3/00
		5/60
115	A 24 c	1/20
116	A 24 c	1/22
117–119	A 24 c	1/18
		1/20
		5/18
120	A 24 b	15/00
121	A 24 b	3/00
		9/00
122	A 24 b	5/02
		5/04
		5/06
123	A 24 b	5/00
124, 125	A 24 b	5/14
126, 127	A 24 b	5/00
128	A 24 b	5/06
129, 130	A 24 b	5/00
131	A 24 b	5/04
		5/08
132	A 24 b	5/02
		5/08
133	A 24 b	3/02
		3/04
		3/12
		9/00
134	A 24 b	3/12
		9/00
135	A 24 b	3/02
		3/04
		9/00
136	A 24 b	5/00
137–138	A 24 b	3/02
		9/00
139, 140	A 24 b	9/00
141	A 24 b	3/12
142	A 24 b	3/12
		15/04
143	A 24 b	3/12
		15/02
144	A 24 b	3/12
		15/04
145, 146	A 24 b	5/10
147	A 24 b	5/08
		5/14
148	A 24 b	5/14
149	A 24 b	1/06
		3/08
170	A 24 f	
171	A 24 f	47/00
172	A 24 f	11/00
		47/00
173	A 24 f	1/30
174	A 24 f	5/10
		9/16
175	A 24 d	1/12
	A 24 f	13/02
176	A 24 f	5/10
177	A 24 f	5/10
		9/02
178	A 24 d	1/00
	A 24 f	3/00
	A 45 d	3/16
179	A 24 f	
180	A 24 f	1/26
		15/00
181	A 24 f	1/00
		13/00
182	A 24 f	13/10
183	A 24 f	13/02
		13/10
184	A 24 f	3/02
		9/02
		9/04
185	A 24 d	1/08
	A 24 f	3/00
186	A 24 f	3/00
		9/14
		13/22
187	A 24 f	13/02
188, 189	A 24 f	13/08
190	A 24 f	13/02
191	A 24 f	1/28
192	A 24 f	7/02
		13/02
		13/22
193	A 24 f	1/24
194	A 24 f	1/22
		1/32
195	A 24 f	1/22
		5/04
		13/04
196	A 24 f	1/22
		13/04
197	A 24 f	1/16
198	A 24 f	5/04
199	A 24 f	1/00
		13/00
200	A 24 d	1/06
	A 24 f	1/00
201	A 24 d	1/06
	A 24 f	13/06
202	A 24 d	1/04
	A 24 f	1/20
		13/06
203	A 24 f	1/20
204	A 24 f	1/20
		5/06
205	A 24 f	1/02
		7/04
		13/04
206	A 24 f	1/02
		5/08
207	A 24 f	1/20
		13/04
209	A 24 f	1/16
		13/04
210	A 24 f	1/16
		5/08
		13/04
211	A 24 f	1/06
		1/10
		13/04
212	A 24 f	1/04
		1/06
		1/16
213	A 24 f	1/02
		1/16
		13/04
214	A 24 f	1/02
		5/00
215	A 24 f	1/02
		5/04
		13/04
216	A 24 f	1/16
		1/18
		13/02

U.S. Class 131—Con.

U.S. Subclass	IPC Subclass	Notation
217	A 24 f	1/16
		13/02
218	A 24 f	1/02
		1/16
		13/02
219	A 24 f	1/18
		1/20
		13/02
220	A 24 f	1/18
		1/20
		5/00
221, 222	A 24 f	5/00
223	A 24 f	1/00
224	A 24 d	1/00
	A 24 f	1/00
		5/00
225	A 24 f	5/00
		7/02
		13/02
226	A 24 f	5/00
227	A 24 f	1/00
228	A 24 f	1/00
		13/16
229	A 24 f	7/00
230	A 24 f	1/32
		13/00
231	A 24 d	1/12
	A 24 f	19/00
232	A 24 f	19/10
233	A 24 f	13/24
		19/10
234	A 24 f	19/10
235–237	A 24 f	13/18
		19/14
238	A 24 f	19/10
239	A 24 f	19/12
240	A 24 f	15/08
		15/18
		19/10
241, 242	A 24 f	19/00
243	A 24 f	3/02
		9/04
244	A 24 f	3/02
		9/12
245	A 24 f	3/02
		9/04
246	A 24 f	9/10
247	A 24 f	9/02
248	A 24 f	13/20
		13/24
249	A 24 f	13/24
250	A 24 f	13/24
		15/08
251	A 24 f	13/24
		15/08
		15/14
252–255	A 24 f	13/24
256	A 24 f	13/18
		19/14
257	A 24 f	9/14
		13/22
		19/00
		21/00
258	A 24 f	1/22
		9/00
		13/20
259	A 24 f	19/00
	A 45 b	3/16
260	A 24 f	13/22
		19/00
261, 262	A 24 f	7/04
		13/02
		25/00
	B 01 d	27/00
		29/00
263–269	A 24 f	7/04
		13/04
		25/00
	B 01 d	27/00
		29/00

U.S. Class 132

0

(IPC A 45 d)

U.S. Subclass	IPC Subclass	Notation
1	A 45 d	44/00
5	A 41 g	3/00
		5/00
7	A 45 d	7/00
		19/00
9	A 45 d	1/00
		2/00
		4/00
		6/00
		8/00
		19/00
		20/00
		24/00
		26/00
10	A 45 d	2/50
11	A 45 d	24/00
31	A 45 d	2/00
32	A 45 d	2/42
33	A 45 d	2/12
34	A 45 d	2/12
36	A 45 d	2/36
36.1	A 45 d	6/00
36.2	A 45 d	2/36
37	A 45 d	2/24
38	A 45 d	2/00
39	A 45 d	2/02
		2/12
40	A 45 d	2/00
41	A 45 d	2/26
42	A 45 d	2/14
43	A 45 d	2/18
44	A 45 d	2/20
45	A 45 d	24/36
46	A 45 d	8/00
47	A 45 d	8/00
48	A 45 d	8/24
49	A 45 d	8/40
50	A 45 d	8/02
51	A 45 d	8/02
52	A 45 d	8/10
53	A 41 g	3/00
		5/00
54	A 41 g	5/00
55	A 41 g	5/00
56	A 41 g	3/00
		5/00
57	A 42 b	7/00
	A 44 b	9/00
58	A 42 b	7/00
59	A 42 b	7/00
60	A 42 b	7/00
61	A 42 b	7/00
62	A 42 b	7/00
63	A 42 b	7/00
64	A 42 b	7/00
65	A 42 b	7/00
66	A 42 b	7/00
67	A 42 b	7/00
68	A 44 b	9/06
69	A 44 b	9/06
70	A 44 b	9/06
71	A 44 b	9/06
72	A 44 b	9/06
73	A 45 d	29/00
73.5	A 45 d	29/18
	B 26 b	13/22
73.6	A 45 d	29/05
74.5	A 45 d	29/18
75	A 45 d	29/20
75.3	A 45 d	29/18
75.4	A 45 d	29/18
75.5	A 45 d	29/18
	B 26 b	17/00
75.6	A 45 d	29/04
75.8	A 45 d	29/05
		29/14
76.2	A 45 d	29/20
76.4	A 45 d	29/04
76.5	A 45 d	29/04
79	A 45 d	40/00
80	A 45 d	27/22
81	A 45 d	27/22
82	A 45 d	33/00
83	A 45 d	33/00
84	A 45 d	44/18
85	A 45 d	44/18
88.5	A 45 d	40/30
88.7	A 45 d	40/26
89	A 61 c	15/00
90	A 61 c	15/00
91	A 61 c	15/00
92	A 61 c	15/00
93	A 61 c	15/00
101	A 42 b	7/00
102	A 45 d	24/00
103	A 45 d	24/00
104	A 45 d	24/20
105	A 41 g	5/00
106	A 45 d	8/38
107	A 45 d	24/30
108	A 45 d	24/16
109	A 45 d	24/16
110	A 45 d	24/16
111	A 45 d	24/16
112	A 45 d	24/22
113	A 45 d	24/22
114	A 45 d	24/22
115	A 45 d	24/22
116	A 45 d	24/22
117	A 45 d	24/10
118	A 45 d	24/10
119	A 45 d	24/42
120	A 45 d	24/16
121	A 45 d	24/16
122	A 45 d	24/10
123	A 45 d	24/10
124	A 45 d	24/00
125	A 45 d	24/30
126	A 45 d	24/04
127	A 45 d	24/04
128	A 45 d	24/04
129	A 45 d	24/06
130	A 45 d	24/12
131	A 45 d	24/06
132	A 45 d	24/06
133	A 45 d	24/06
134	A 45 d	24/06
135	A 45 d	24/06
136	A 45 d	24/04
137	A 45 d	24/04
138	A 45 d	24/04
139	A 45 d	24/04
140	A 45 d	24/04
141	A 45 d	24/04
142	A 42 d	24/04
143	A 45 d	24/08
144	A 45 d	24/38
145	A 45 d	24/38
146	A 45 d	24/38
147	A 45 d	24/00
148	A 45 d	24/00
149	A 45 d	24/00
150	A 45 d	24/00
151	A 45 d	24/00
152	A 45 d	24/00
153	A 45 d	24/00
154	A 45 d	24/00
155	A 45 d	24/00
156	A 45 d	24/00
157	A 45 d	24/00
158	A 45 d	24/00
159	A 45 d	24/00
160	A 45 d	24/00
161	A 45 d	24/00
162	A 45 d	24/00
163	A 45 d	24/00

U.S. Class 133

Coin handling

(IPC G 07 d)

U.S. Subclass	IPC Subclass	Notation
1	G 07 d	
2	G 07 d	1/06
3	G 07 d	3/00
4–6	G 07 d	1/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 133—Con.		
8	G 07 d	9/00

U.S. Class 134

Cleaning and liquid contact with solids

(IPC B 08 b)

1	B 08 b	7/00
		7/02
2	C 03 c	23/00
	C 23 g	1/00
3	C 23 g	1/02
4	B 08 b	7/00
5	B 08 b	7/00
	C 23 g	1/00
6 – 7	B 08 b	7/00
8	B 08 b	9/04
9	B 08 b	7/00
10	B 08 b	7/04
	C 23 g	1/36
11	B 08 b	5/00
		7/04
12 – 13	B 08 b	7/04
14	B 08 b	1/00
15	B 08 b	1/02
16 – 17	B 08 b	7/02
18	B 08 b	7/04
19 – 20	B 08 b	7/00
	F 23 j	1/00
21	B 08 b	5/04
22 – 23	B 08 b	9/00
24	B 08 b	9/04
25	B 08 b	
	B 67 c	1/00
26 – 30	B 08 b	30/00
31	B 08 b	5/00
32	B 08 b	1/02
33	B 08 b	7/00
34	B 08 b	3/00
35	B 08 b	3/10
36	B 08 b	3/00
37	B 08 b	7/04
38	B 08 b	7/00
	C 23 d	17/00
39	B 08 b	7/00
40	B 08 b	7/00
	C 23 g	1/00
		5/00
41	C 23 g	1/02
42	B 08 b	7/00
43, 44	B 08 b	3/00
45	B 60 s	3/02
46 – 122	B 08 b	3/00
123	B 60 s	3/02
124 – 165	B 08 b	3/00
166 – 171	B 08 b	3/00
		9/00
172 – 201	B 08 b	3/00

U.S. Class 135

Tents, canopies, umbrellas and canes

(IPC A 45 b)

1	A 45 f	1/00
	E 04 b	1/347
2	A 45 f	1/04
3, 4	A 45 f	1/16
5	E 04 f	10/00
5.1 – 5.3	A 47 c	29/00
6	B 63 b	17/06
7	B 62 j	17/08
		19/00
7.1, 8	E 04 f	10/00
9 – 13		
14	A 45 f	1/08
		1/10
		1/20
15	A 45 f	1/16
		1/18
16	A 45 b	3/00
		5/00
17 – 19	A 45 b	21/00
19.5	A 45 b	13/00
		19/00
20, 21	A 45 b	11/00
		17/00
		23/00
		25/00
22 – 24	A 45 b	25/14
		25/16
25	A 45 b	19/00
26	A 45 b	19/06
27	A 45 b	25/02
28	A 45 b	25/06
29 – 32	A 45 b	25/00
33	A 45 b	25/18
34	A 45 b	15/00
35	A 45 b	25/20
36	A 45 b	25/18
37	A 45 b	25/12
38 – 43	A 45 b	25/08
44	A 45 b	25/00
45	A 45 b	1/00
		7/00
		9/00
46	A 45 b	1/00
		7/00
47	A 45 b	3/00
		9/06
47.5	A 45 b	1/00
48	A 45 b	25/28
49 – 53	A 61 h	3/02
54 – 64	A 45 b	9/04

U.S. Class 136

Batteries

(IPC H 01 m)

1, 3	H 01 m	
6	H 01 m	35/00
7	H 01 m	35/00
		35/12
		39/02
8, 9	H 01 m	35/08
10 – 12	H 01 m	39/06
13	H 01 m	35/16
14	H 01 m	35/04
15	H 01 m	35/32
		37/00
16	H 01 m	35/04
17, 18	H 01 m	35/12
19	H 01 m	35/00
20	H 01 m	35/02
		43/00
21	H 01 m	35/04
22, 23	H 01 m	35/02
24, 25	H 01 m	43/04
26, 27	H 01 m	39/00
		41/00
28, 29	H 01 m	43/04
30, 31	H 01 m	41/00
		43/02
33	H 01 m	35/26
		35/30
34	H 01 m	35/18
35	H 01 m	35/20
36 – 65	H 01 m	35/04
66	H 01 m	35/20
67	H 01 m	35/26
68 – 74	H 01 m	35/06
75	H 01 m	35/18
76	H 01 m	35/30
77, 78	H 01 m	35/18
79	H 01 m	1/04
80	H 01 m	39/02
81	H 01 m	35/00
82	H 01 m	35/18
83	H 01 m	
84	H 01 m	13/02
85	H 01 m	31/00
86	H 01 m	27/00
87	H 01 m	23/00
88	H 01 m	17/04
89	H 01 m	15/02
90 – 92	H 01 m	17/06
93 – 99	H 01 m	19/00
100 – 106	H 01 m	17/00
107 – 114	H 01 m	21/00
115 – 119	H 01 m	17/00
120	H 01 m	13/00
121	H 01 m	13/02
122	H 01 m	13/04
123, 124	H 01 m	15/06
125	H 01 m	13/06
126	H 01 m	13/08
127 – 130	H 01 m	13/06
131	H 01 m	3/00
132, 133	H 01 m	1/02
134	H 01 m	13/10
		35/32
135	H 01 m	5/00
136 – 139	H 01 m	15/00
140 – 141	H 01 m	31/02
142 – 152	H 01 m	3/00
153 – 156	H 01 m	11/00
		39/04
		41/02
		43/06
157, 158	H 01 m	9/00
159 – 163	H 01 m	11/00
164	H 01 m	33/00
165	H 01 m	47/00
166	H 01 m	1/00
167 – 170	H 01 m	1/02
171 – 173	H 01 m	1/04
174	H 01 m	31/00
		45/00
175	H 01 m	31/00
		33/00
176	H 01 m	35/18
		37/00
177 – 179	H 01 m	1/06
		1/08
180	H 01 m	1/00
181	H 01 m	
182	H 01 m	31/04
		45/06
200, 201	H 01 v	1/06
202	G 21 h	1/10
	H 01 v	
203, 204	H 01 v	1/28
205 – 212	H 01 v	1/30
213 – 220	F 23 m	5/00
	G 01 k	7/00
	H 01 v	
221	H 01 v	1/02
222	H 01 v	1/30
223 – 227	H 01 v	1/00
228 – 231	H 01 v	1/02
232 – 234	H 01 v	1/04
235	H 01 v	1/10
236, 237	H 01 v	1/14
238	H 01 v	1/15
239	H 01 v	1/16
240	H 01 v	1/20
241	H 01 v	1/22
242	H 01 v	1/00

U.S. Class 137

Fluid handling

(IPC F 16 k)

1 – 12	E 03 b	1/00
	F 17 d	1/00
		3/00
12.5	B 67 d	1/00
	C 02 d	1/00
13, 14	F 17 d	1/16
		1/18
15	F 16 l	55/18
	F 17 d	3/00
15.1, 15.2	F 02 b	27/00
	F 02 k	11/00
16 – 20	F 01 b	25/00
	F 01 c	21/12
		21/16
	F 01 d	17/00

U.S. Class 137—Con.

U.S. Subclass	IPC Subclass	IPC Notation
		21/00
	F 01 k	7/00
	F 02 c	9/00
21 – 23	F 01 k	7/16
24	F 01 b	25/06
	F 01 c	21/12
		21/16
	F 01 d	17/06
		21/02
	F 02 c	
25, 26	F 01 b	25/00
	F 01 c	21/12
		21/16
	F 01 d	17/00
		21/00
	F 01 k	7/00
	F 02 c	9/00
27 – 36	F 01 b	25/06
	F 01 c	21/12
		21/16
	F 01 d	17/06
		21/02
	F 02 c	9/02
37	F 01 b	25/00
	F 01 c	21/12
		21/16
	F 01 d	17/00
		21/00
	F 01 k	7/00
	F 02 c	9/00
38 – 46	G 05 b	
	G 05 d	
47	G 05 d	13/04
		13/08
48	G 05 d	13/04
		13/08
		13/10
49	G 05 d	13/04
		13/08
50 – 58	G 05 d	13/10
59 – 62	E 03 b	7/10
	F 16 p	
65 – 66	F 23 d	5/16
		13/26
67 – 77	F 16 k	13/04
		17/14
		17/40
78	F 16 k	17/36
79, 80	F 16 k	17/38
81	F 16 k	17/36
81.5	F 15 c	1/08
		1/12
		1/14
82 – 86	F 15 b	5/00
	G 05 d	16/00
87 – 93	G 05 d	11/00
94	F 23 n	1/00
95 – 97	F 01 b	25/02
	F 01 c	21/12
98 – 101.31	G 05 d	11/00
102 – 108	G 05 d	7/00
		9/00
109 – 122	G 05 d	11/00
123 – 153	F 04 b	10/00
	F 16 l	43/00
154	B 67 d	5/54
	F 04 f	1/00
155	F 04 f	1/08
156 – 170.6	B 67 d	5/54
	F 04 f	1/00
171 – 191	F 16 t	
192 – 196	F 16 t	1/20
197 – 204	F 16 t	
205	B 67 c	3/16
205.5	E 03 d	9/03
206 – 209	B 67 d	5/54
	F 04 f	1/00
		1/18
210, 211	F 04 f	
211.5	B 67 d	5/54
	F 04 f	1/00
212 – 214	B 67 d	5/54
	F 04 f	1/00
215 – 218	E 03 c	1/10
	F 16 k	45/00
219 – 222	F 16 k	
223 – 226	F 16 k	15/20
227 – 229	F 16 k	15/20
		37/00
230 – 234.5	F 16 k	15/20
234.6	B 60 s	3/00
	E 03 c	1/00
	E 04 h	5/00
236	E 03 b	7/00
	F 17 d	1/08
237 – 246.23	F 16 k	3/36
		5/22
		19/00
		51/00
247 – 254	F 16 k	9/00
	F 16 l	43/00
		55/24
255 – 267	E 03 b	11/00
	F 17 d	1/00
268	E 03 b	11/00
	E 03 c	1/046
	F 17 d	1/00
269 – 271	E 03 b	
	F 17 d	
272 – 308	E 03 b	9/02
309 – 311	F 16 k	11/00
		49/00
312 – 314	E 03 b	
	F 16 k	23/00
315 – 329.4	F 16 k	43/00
		51/00
	F 16 l	55/18
330 – 333	F 16 k	29/00
334 – 341	F 16 k	49/00
	F 16 l	53/00
342	E 03 b	1/00
		7/00
	E 03 c	1/00
	F 17 d	1/00
		3/00
343	F 16 l	3/00
344 – 355.12	A 01 m	7/00
	B 60 p	3/30
	E 01 h	1/10
355.16 – 355.27	A 62 c	35/00
355.16	B 05 h	/00
355.16 – 355.27	B 05 h	75/46
	B 65 h	75/34
355.28	F 16 l	3/00
356 – 373	F 16 l	5/00
374	F 16 l	3/00
375	F 16 l	7/00
376	F 16 l	3/00
377 – 382.5	E 03 b	1/00
		3/00
	F 16 k	27/08
	F 16 l	35/00
	F 16 p	1/00
	F 17 d	1/00
383 – 385	F 16 k	35/00
386 – 408	E 03 b	
	E 03 c	
	F 16 k	21/18
409 – 451	F 16 k	31/18
453 – 454	E 03 b	
	E 03 c	
	F 17 d	
454.2 – 454.6	F 16 k	25/00
		51/00
455	F 16 k	15/00
		17/00
456 – 466	F 16 k	17/00
467 – 467.5	F 16 k	15/00
		17/00
468	F 16 k	17/38
469 – 478	F 16 k	17/20
479 – 484	F 02 d	9/00
484.2 – 484.8	F 16 k	17/34
485 – 492.5	F 16 k	31/12
		31/36
493 – 493.8	F 16 k	17/26
		45/00
494	F 16 k	31/12
		31/36
495	F 16 k	31/14
496 – 510	F 16 k	31/12
		31/36
511 – 513.7	F 16 k	15/00
		17/00
		21/04
514 – 514.7	F 16 k	21/10
515 – 543.23	F 16 k	15/00
		17/00
		21/04
544 – 550	B 01 d	
	E 03 b	3/18
		7/07
551 – 559	E 03 b	7/07
	F 16 k	37/00
	F 17 d	3/00
560	E 03 b	
	E 03 c	
	F 17 d	
561	E 03 b	
	F 15 b	
562 – 564.5	E 03 b	7/07
565 – 570	E 03 b	5/00
		11/16
	E 03 c	1/00
571 – 579	E 03 b	11/00
	F 17 d	1/00
580	E 03 b	1/00
		3/00
	F 16 l	27/00
581	E 03 b	11/00
	F 17 d	1/00
582	E 03 c	1/18
583 – 589	F 16 k	45/00
590 – 593	E 03 b	11/00
	F 17 d	1/00
594 – 597	E 03 b	
	E 03 c	
	F 17 d	
598	F 16 d	65/20
		65/32
		65/72
599 – 616.7	E 03 b	
	E 03 c	
	F 17 d	
624.11 – 624.22	E 03 b	
	E 03 c	
	F 17 d	3/00
625 – 637.5	E 03 b	
	E 03 c	
	F 17 d	
797	E 03 b	
	E 03 c	
	F 16 k	13/04
		17/14
		17/40
798 – 799	E 03 b	
	E 03 c	
	F 16 l	
800	F 16 l	35/00
801	B 67 d	5/37
	F 16 k	21/00
802	E 03 b	
	E 03 c	
	F 16 k	
	F 17 d	

U.S. Class 138

Pipes and tubular conduits

(IPC F 16 l)

U.S. Subclass	IPC Subclass	IPC Notation
26	F 16 l	55/04
27, 28	E 03 b	7/10
30, 31	F 16 l	55/04
32 – 34	E 03 b	7/10
	F 16 l	53/00
35	E 03 b	7/14
	F 16 l	53/00
36	F 16 l	55/00
37 – 46	F 15 d	
89 – 92	F 16 l	55/10
93	F 16 l	55/12
94 – 95	F 16 l	55/10
96	B 65 d	59/00
		59/06

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 138—Con.		
	F 16 l	57/00
97	F 16 l	55/18
98, 99	F 16 l	55/16
100–102	F 16 l	9/22
		13/00
103, 104	F 16 l	55/00
105	F 16 l	1/00
106, 107	F 16 l	3/00
108	F 16 l	55/00
109	F 16 l	9/00
		11/00
110	F 16 l	11/00
		57/00
111–117	F 16 l	9/18
		11/00
118–139	F 16 l	11/00
140–153	F 16 l	9/14
154	F 16 l	9/16
155	F 16 l	9/22
156–178	F 16 l	9/00
U.S. Class 139		
Textiles, weaving		
(IPC D 03 d)		
1	D 03 d	
2	D 03 d	39/00
3–6	D 03 d	27/14
7–10	D 03 d	39/02
11, 12	D 03 d	41/00
13–16	D 03 d	37/00
17–20	D 03 c	13/00
21	D 03 d	39/16
22, 23	D 03 d	35/00
24	D 03 c	19/00
25–27	D 03 d	39/22
28	D 03 d	13/00
29–34	D 03 d	29/00
35, 36	D 03 c	13/00
37, 38	D 03 d	39/00
39–45	D 03 d	39/10
46, 47	D 03 d	39/20
48–52	D 03 c	7/00
53	D 03 c	7/06
54	D 03 c	11/00
	D 03 d	5/00
55–57	D 03 c	13/00
58	D 03 c	5/00
59	D 03 c	3/00
60	D 03 c	3/14
64	D 03 c	3/00
65	D 03 c	3/06
66–68	D 03 c	1/00
69, 70	D 03 c	1/10
71, 74	D 03 c	1/06
75, 76	D 03 c	1/00
77	D 03 c	1/12
78–81	D 03 c	5/00
82–90	D 03 c	13/00
91, 92	D 03 c	9/06
93, 94	D 03 c	9/00
95	D 03 c	9/04
96	D 03 c	9/00
97	D 03 d	49/00
98	D 03 d	49/22
99–113	D 03 c	49/06
114, 115	D 03 d	49/00
116	D 03 d	49/50
116.5	D 03 d	39/00
116.6	D 03 d	39/20
117, 118	D 03 d	13/00
119–121	D 03 d	21/00
122–132	D 03 d	47/00
133	D 03 d	49/24
134	D 03 d	49/44
135–140	D 03 d	35/00
141	D 03 d	49/46
142–145	D 03 d	49/24
146–152	D 03 d	49/26
153, 154	D 03 d	49/40
155	D 03 d	49/48
156	D 03 d	49/24
157	D 03 d	49/38
158	D 03 d	49/24
159, 160	D 03 d	49/36
161–170	D 03 d	49/40
170.3–170.7	D 03 d	43/10
		49/50
171	D 03 d	43/00
172	D 03 d	43/06
173–182	D 03 d	43/00
183, 184	D 03 d	49/52
185, 186	D 03 d	49/54
187	D 03 d	49/56
188	D 03 d	49/60
189	D 03 d	49/62
		51/42
190, 191	D 03 d	49/60
192	D 03 d	49/62
193	D 03 d	49/58
194	D 03 d	41/00
	D 03 j	5/00
195	D 03 d	45/52
196	D 03 j	5/00
197	D 03 j	5/02
198	D 03 j	5/08
199–201	D 03 d	35/00
202	D 03 j	5/00
203–205	D 03 d	51/40
206–211	D 03 j	5/08
212–219	D 03 j	5/00
220–223	D 03 j	5/20
224	D 03 d	45/00
225–229	D 03 d	45/02
230, 231	D 03 d	45/18
232, 233	D 03 d	45/32
		45/48
234–240	D 03 d	45/34
241–244	D 03 d	45/20
245–250	D 03 d	45/26
251–255	D 03 d	45/20
256–262	D 03 d	45/02
263–268	D 03 d	45/50
269–272	D 03 d	45/04
273	D 03 d	45/10
274–280	D 03 d	45/04
281–286	D 03 d	45/08
287, 288	D 03 d	45/04
289	D 03 d	45/00
291	D 03 d	49/00
292–301	D 03 j	1/22
302, 303	D 03 d	49/70
304–316	D 03 d	49/20
317–332	D 03 d	49/00
	D 03 j	1/00
333–335	D 03 c	15/00
	D 03 j	
336	D 03 d	51/00
336.4, 336.6	D 03 d	51/34
337	D 03 d	51/20
338–340	D 03 d	51/18
341–347	D 03 d	51/40
348	D 03 d	51/18
349–353	D 03 d	51/20
354–358	D 03 d	51/28
359–367	D 03 d	51/20
368	D 03 d	51/26
		51/32
369	D 03 d	51/20
370, 371	D 03 d	51/34
372–379	D 03 d	51/36
		51/38
380	D 03 j	3/00
381, 382	D 03 j	3/04
383	D 03 d	23/00
		25/00
384–386	D 03 d	3/00
387, 388	D 03 d	3/02
389, 390	D 03 d	1/04
391	D 03 d	27/00
392	D 03 d	27/04
393	D 03 d	27/18
394	D 03 d	27/10
395	D 02 g	3/42
396	D 03 d	27/08
397, 398	D 03 d	27/00
		27/10
		39/18
399–401	D 03 d	27/12
402–406	D 03 d	27/06
407	D 03 d	23/00
408–415	D 03 d	11/00
416–419	D 03 d	23/00
		25/00
420	D 03 d	15/00
421–423	D 03 d	15/08
424, 425	D 03 d	15/02
426–428	D 03 d	15/00
U.S. Class 140		
Wireworking		
(IPC B 21 f)		
1, 2	B 21 f	
3	B 21 f	27/00
4	B 21 f	27/04
5	B 21 f	27/06
6–9	B 21 f	27/02
10	B 21 f	27/00
11	B 21 f	27/08
12, 13	B 21 f	27/00
14, 15	B 21 f	27/02
16	B 21 f	27/00
17–23	B 21 f	27/02
24	B 21 f	27/00
25–50	B 21 f	29/00
51–57	B 21 f	33/00
58–70	B 21 f	25/00
71–71.6	B 21 f	45/00
72	B 21 f	45/08
73, 74	B 21 f	1/06
		45/16
75	B 21 f	1/06
		45/00
76	B 21 f	37/00
77–81	B 21 f	45/00
81.5	B 21 f	45/02
82–84	B 21 f	45/16
85	B 21 f	45/04
86	B 21 f	45/00
87	B 21 g	7/04
88	B 21 f	
89	B 21 f	35/00
90	B 21 f	27/12
		45/00
91	B 21 f	45/00
92	B 21 f	45/16
92.1, 92.2	B 21 f	3/00
92.3–92.94	B 21 f	21/00
		45/00
93	B 21 f	45/00
93.2–93.6	B 21 f	9/02
		45/00
94, 95	B 21 f	45/04
97	B 21 f	45/10
100	B 21 f	45/00
101	B 21 j	15/00
102, 102.5	B 21 f	3/00
103	B 21 f	3/00
		35/00
104	B 21 f	1/06
105, 106	B 21 f	1/00
107–109	B 21 f	33/00
110	B 21 f	27/16
		33/00
		33/10
111	B 21 f	15/02
112	B 21 f	15/08
		27/10
113	B 21 f	15/02
114	B 21 f	15/04
115, 116	B 21 f	15/02
117	B 21 f	7/00
		15/02
118–120	B 21 f	7/00
		15/04
121–122	B 21 f	15/02
123	B 21 f	
	B 25 b	
	B 26 b	
123.5	B 21 f	9/00
	B 25 b	25/00
123.6	B 21 f	9/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 140—Con.		
		11/00
		21/00
124	B 21 f	3/00
139–140	B 21 f	1/02
		11/00
		21/00
147	B 21 f	1/02
149	B 21 f	7/00

U.S. Class 141

Fluent material handling, with receiver or receiver coacting means

(IPC B 65 b)

1–3	B 65 b	1/04
		3/04
	B 67 c	3/00
4–8	B 65 b	31/00
	B 67 c	3/00
9, 10	B 65 b	1/04
		3/04
11–12	B 65 b	1/20
13	B 65 b	1/04
		3/04
	B 67 c	3/00
14–17	B 67 c	3/00
18, 20	B 65 b	1/04
		3/04
		31/00
	B 67 c	3/00
20.5	B 43 k	11/02
21–29	B 65 b	1/04
		3/04
		31/00
	B 67 c	3/00
30	B 43 k	11/02
31	B 65 b	1/04
		3/04
		31/00
	B 67 c	3/00
32, 33	H 01 m	7/00
34	B 65 b	1/14
35, 36	B 65 b	1/04
		31/00
	B 67 c	3/00
37–64	B 65 b	31/00
65, 66	B 65 b	31/04
67, 68	B 65 b	1/08
		1/16
		3/08
		3/10
	B 67 c	3/02
69–82	B 65 b	1/20
		1/28
		3/18
		3/22
83	B 65 b	1/30
		3/26
84–93	B 65 b	1/04
		3/04
	B 67 c	3/02
94–96	B 65 b	1/30
		31/00
	B 67 c	3/02
97–113	B 65 b	1/04
		3/04
	B 67 c	3/02
114	B 65 b	3/16
115–127	B 65 b	1/04
		3/04
	B 67 c	3/02
128	B 65 b	1/34
		3/26
129–139	B 65 b	43/42
	B 67 c	3/00
140–143	B 65 b	57/02
144–191	B 65 b	43/42
	B 67 c	3/00
192–229	B 65 b	1/30
		3/28
		57/06
		57/14
	B 67 c	3/00
230	B 65 b	1/04
		3/04
	B 67 c	3/18
231–249	B 65 b	1/04
		3/04
		37/00
	B 67 c	3/00
250–284	B 67 c	3/26
		3/34
285–296	B 65 b	1/04
		3/04
	B 67 c	3/00
297–300	B 65 b	39/00
	B 67 c	11/00
301–330	B 65 b	1/04
		3/04
	B 67 c	3/00
331–345	B 65 b	39/00
	B 67 c	11/04
346–392	B 65 b	1/04
		3/00
	B 67 c	3/00

U.S. Class 142

Wood turning

(IPC B 27 c)

1, 2	B 23 b	3/28
	B 27 c	5/00
3, 4	B 27 c	9/00
5–15	B 23 b	3/28
	B 27 c	5/00
16	B 27 c	5/00
17–20	B 23 b	7/00
21–26	B 23 b	3/28
	B 27 b	5/00
27, 28	B 23 b	5/00
29, 30	B 23 b	3/28
	B 27 c	5/00
31, 32	B 23 b	5/00
33–35	B 23 b	3/28
	B 27 c	5/00
36	B 23 b	3/00
37–39	B 23 b	3/28
	B 27 c	5/00
40	B 23 b	5/00
41	B 23 b	3/28
	B 27 c	5/00
42	B 23 b	5/00
43, 44	B 23 b	3/28
	B 27 c	5/00
45, 46	B 23 b	3/00
47	B 27 c	7/00
48, 49	B 27 c	7/06
50	B 27 c	7/00
51, 52	B 23 b	3/28
	B 27 c	5/00
53, 54	B 27 c	7/04
55	B 27 c	7/00
56	B 23 b	27/00
57	B 27 c	7/04

U.S. Class 143

Wood sawing

(IPC B 27 b)

1	B 27 b	15/06
2	B 27 b	5/02
3	B 27 b	13/00
4	B 27 b	5/06
5	B 27 b	13/00
6, 7	B 27 b	27/06
8	B 27 b	5/02
9	B 27 b	19/00
10–15	B 27 b	5/02
16	B 27 b	19/02
17, 18	B 27 b	13/00
19	B 27 b	15/02
20, 21	B 27 b	13/00
22	B 27 b	15/08
23	B 27 b	13/14
24	B 27 b	13/04
25–28	B 27 b	13/00
29	B 27 b	13/12
30	B 27 b	13/06
31	B 27 b	13/00
32	B 27 b	17/00
33–36	B 27 b	5/00
37	B 27 b	5/34
38–42	B 27 b	5/00
43	B 27 b	9/00
44	B 27 b	5/14
45, 46	B 27 b	5/00
47	B 27 b	5/18
48–51	B 27 b	5/00
52–54	B 27 b	5/22
55, 56	B 27 b	25/02
57, 58	B 27 b	5/18
59	B 27 b	5/16
60	B 27 b	3/00
61–69	B 27 b	11/00
70–74	B 27 b	19/10
75–80	B 27 b	3/00
81–83	B 27 b	19/12
84	B 27 b	3/00
85	B 27 b	33/18
86–91	B 27 b	21/00
92–94	B 27 b	31/00
95	B 27 b	31/02
96	B 27 b	29/02
97–104	B 27 b	31/04
105–113	B 27 b	29/04
114–124	B 27 b	29/08
125–131	B 27 b	29/02
132	B 27 b	27/04
133, 134	B 27 b	33/02
135	B 27 b	33/14
136–145	B 27 b	33/02
146–154	B 27 b	33/12
155	B 27 b	5/18
156	B 27 b	11/08
157–159	B 27 b	5/28
160	B 27 b	11/02
161, 162	B 27 b	13/10
163	B 27 b	11/02
164	B 27 b	17/12
165, 166	B 27 b	11/02
167	B 27 b	11/04
168	B 27 b	27/00
169–176	B 27 b	27/08

U.S. Class 144

Woodworking

(IPC B 27)

1	B 27 c	9/00
2–12	B 27 c	9/00
	B 27 m	3/00
13	B 27 m	3/02
14	B 27 m	3/30
15–19	B 27 c	9/00
	B 27 m	3/00
20–28	B 27 m	3/00
28.1–28.2	B 43 l	23/00
28.3–28.9	B 43 l	23/02
29–31	B 27 m	3/00
32	B 25 b	23/00
33	B 27 m	3/00
34	A 01 g	23/08
35	B 27 b	5/00
36–48	B 27 c	9/00
49	B 27 c	5/00
50–66	B 05 c	1/00
		3/00
67–84	B 27 f	5/00
85–91	B 27 f	1/00
92–113	B 27 c	3/00
114–132	B 27 c	1/00
133–154	B 27 c	5/00
155–161	B 27 g	13/00
		17/00
162–184	B 27 c	1/00
185–191	B 27 c	1/00
	B 27 l	11/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 144—Con.		
192–195	A 47 j	49/02
	B 27 l	7/00
196, 197	B 27 m	1/04
198–206	B 27 f	1/08
207, 208	B 27 l	1/00
209–215	B 27 l	5/00
216, 217	B 27 g	5/00
218–221	B 27 g	13/00
222, 223	B 27 b	33/00
224–237	B 27 g	13/00
238, 239	B 27 b	33/00
240, 241	B 27 g	13/00
242–250	B 27 b	31/00
	B 27 c	1/12
		5/02
251, 252	B 27 g	19/00
		21/00
253	B 27 b	31/00
	B 27 c	1/12
		5/02
254–271	B 27 h	1/00
278	B 27 g	7/00
281–283	B 27 d	3/00
284	B 27 h	5/00
285	B 25 h	1/12
286, 287	B 25 h	1/00
288	B 25 h	5/00
288.5–308	B 25 h	5/00
309	B 27	
310	B 27 h	1/00
		5/00
311	B 27 l	1/00
312	B 27 b	1/00
313, 314	B 27 f	7/00
315–317	B 27 d	1/00
318, 319	B 27 f	7/00
320	B 27 l	11/00
321	B 27 c	1/00
	B 27 h	1/00
322	B 27 h	1/00
323	B 27 c	1/00
	B 27 h	1/00
324	B 27 c	1/00
	B 27 h	1/00
325	B 27 c	7/00
	B 27 h	1/00
326	B 27 c	9/00
	B 27 h	1/00
327, 328	B 27 h	1/00

U.S. Class 145

Woodworking tools

(IPC B 27)

1	B 27	
2–3.9	B 26 b	23/00
4–4.2	B 27 c	1/10
5–20	B 27 g	17/02
21	B 67 b	7/00
24–26	B 25 d	3/00
	B 27 g	17/08
27	B 27 l	9/00
29–30.5	B 25 c	1/00
	B 25 d	1/00
31, 32	B 27 b	21/00
33, 34	B 27 b	21/00
		21/08
35	B 27 b	21/00
36	B 25 d	1/00
46	B 25 c	3/00
50, 51	B 25 b	15/00
52	B 25 b	15/00
		23/08
53, 54	B 25 b	17/00
60.5	B 25 g	
61	B 25 g	1/00
62, 63	B 25 g	1/08
64–78	B 25 g	
108, 109	B 25 g	1/00
	B 27 b	21/00
110–112	B 25 g	3/00
	B 27 b	21/00
113	B 25 g	1/00
	B 27 b	21/00
114, 114.5	B 27 g	15/00
115	B 27 f	1/08
	B 27 g	5/00
116–124	B 27 g	15/00
125	B 25 f	1/00
126–128	B 27 g	15/00
129	B 25 b	29/00
	B 25 d	17/08
130	B 25 f	1/00

U.S. Class 146

Vegetable and meat cutters and comminutors

(IPC A 01 f)

1	B 02 c	23/00
	B 27 j	7/00
2	A 23 b	5/00
	A 47 j	43/14
3	A 23 n	
	A 47 j	17/04
		19/00
4	A 23 n	
	A 47 j	17/02
5	A 01 f	41/00
		43/02
	A 47 j	17/02
6	A 01 d	43/06
	A 47 j	17/14
7–10	A 23 n	5/00
11	A 23 n	5/04
12	A 23 n	5/02
13–16	A 23 n	
	A 47 j	43/26
17–20	A 23 n	3/00
	A 47 j	23/00
21	A 47 j	23/00
22	A 01 f	37/10
23	A 01 f	37/04
24, 25	A 01 f	37/00
26	A 47 j	23/00
27	A 41 j	23/00
28	A 01 d	37/14
	A 23 n	
29	A 23 b	7/00
30, 31	A 23 b	7/00
32	A 23 n	5/00
33–36	A 23 n	7/00
37	A 47 j	17/00
38–42	A 23 n	7/00
	A 47 j	25/00
43–45	A 23 n	7/00
	A 47 j	17/00
46	A 23 n	7/00
		9/00
47, 48	A 23 n	7/00
49	A 23 n	7/00
	A 47 j	17/00
50	A 47 j	43/24
51	A 47 j	17/10
52	A 23 n	3/12
	A 47 j	25/00
53	A 47 j	15/00
54	A 47 j	21/00
55	A 23 n	15/02
	A 47 j	15/00
56	A 23 b	7/02
	A 47 j	23/00
57–59	A 01 c	9/00
60–63	B 02 c	
64–69	B 02 c	
70	A 01 f	29/00
		31/00
70.1	A 01 f	29/00
		31/00
71.5	A 23 n	17/80
	A 47 j	43/04
	B 02 c	9/02
72, 73	A 23 n	
74, 75	B 02 c	
76–80	A 01 f	29/00
		31/00
81	A 01 d	23/04
	A 47 j	21/00
81.5–86	A 01 d	23/04
	A 47 j	21/00
89–93	A 47 j	17/00
	B 02 c	17/00
94–96	A 47 j	1/00
		3/00
		5/00
	B 02 c	13/00
98, 99	A 01 d	55/00
	B 23 d	19/00
		45/00
100	A 22 b	5/08
	B 23 d	19/00
		45/00
101	A 01 d	55/00
	B 02 c	13/00
	B 23 d	19/00
		45/00
102	A 01 d	55/02
	B 23 d	19/00
		45/00
103	A 01 d	55/22
	B 23 d	19/00
		45/00
104	A 01 d	55/02
	B 23 d	19/00
		45/00
105	A 01 d	55/00
	B 23 d	19/00
		45/00
106	A 01 d	55/00
	B 02 c	13/00
107, 108	A 01 d	55/00
	A 01 f	7/48
		17/04
	B 02 c	13/00
		23/00
109–125	A 01 d	55/00
	B 02 c	11/04
		23/02
126	A 01 d	55/00
	A 47 j	5/00
	B 02 c	7/00
127	A 01 d	55/00
	A 47 j	5/00
128	A 01 d	55/00
	A 47 j	5/00
		13/00
129	B 26 d	
130	A 22 b	5/08
		17/12
131	A 01 d	55/24
132, 133	A 01 d	55/24
	B 02 c	11/04
		23/02
134–136	A 01 d	55/24
137	A 01 d	55/24
	B 02 c	11/04
		23/02
138	A 01 d	55/24
139	A 01 d	55/16
		55/24
140, 141	A 01 d	55/22
142	A 01 d	55/22
	B 02 c	1/04
		23/02
143–145	A 01 d	55/22
146	A 01 d	55/24
147	A 01 d	55/16
		55/24
148, 149	A 01 d	55/02
	A 47 j	5/00
150	A 01 d	55/02
	A 47 j	5/00
	B 26 d	1/54
		7/22
151, 152	A 01 d	55/02
	A 47 j	5/00
153	A 01 d	55/16
	A 22 c	3/00
	B 23 d	19/00
		45/00
154–158	A 01 d	55/02
	B 02 c	11/04
		23/02

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 146—Con.		
159	A 01 d	55/00
160	A 01 d	55/00
161	A 01 f	29/00
162	B 26 d	1/44
		7/20
		7/26
163–169	B 02 c	11/04
		23/02
	B 26 d	1/44
		7/20
		7/26
170, 171	A 01 d	55/32
	A 01 f	29/00
172–176	A 47 j	19/00
177–180	A 47 j	19/00
181–192	A 01 f	7/02
	A 23 k	1/14
		3/00
	A 47 j	17/14
203	A 47 j	17/00
		43/04
204	A 01 b	1/20
	A 47 j	17/00
		19/04
213	A 47 j	17/00
		19/04
214, 215	A 22 c	17/02
		25/06
	B 24 b	41/00
216	A 22 c	17/02
		25/06
	A 47 j	43/18
	B 24 b	41/00
217, 218	A 22 c	17/02
		25/06
	B 24 b	41/00
220	A 22 c	17/06
	B 27 j	7/00
221	A 23 l	1/32
	A 47 j	43/14
221.5	B 02 b	
	B 02 c	9/00
		11/00
221.6	B 02 b	5/00
	B 02 c	9/00
		11/00
221.7–221.9	B 02 b	1/00
		3/00
		5/00
		7/00
	B 02 c	9/00
		11/00
222	A 23 b	5/00
	B 01 d	43/00
	B 02 b	7/00
	B 07 b	
223	A 23 l	1/18
	B 02 b	1/08
		3/12
	B 02 c	11/08
224	B 02 c	9/04
225	B 02 b	5/00
		7/00
	B 02 c	19/00
226	B 02 b	5/00
		7/00
	B 02 c	17/00
227, 228	A 23 b	
	A 23 l	1/20
	B 02 b	1/00
		5/00
	B 02 c	11/08
229	A 22 b	5/08
	A 23 l	1/20
	B 02 b	1/00
		5/00
	B 02 c	11/08
230	A 23 b	
	A 23 l	1/20
	B 02 b	1/00
		5/00
	B 02 c	11/08
231–235	A 23 b	
	A 23 l	1/20
	B 02 b	1/00
		5/00
	B 02 c	11/08
236	A 01 f	35/20
		37/14
		41/08
	A 47 j	19/02
		19/06
237	B 02 c	19/00
	B 30 b	9/02
238	A 23 n	3/12
	A 47 j	25/00
239	A 01 f	29/00
		31/00
240	A 47 j	3/00
		5/00
		7/00
		15/00
241	A 23 n	3/00
		7/00
		15/00
	B 26 d	4/00
242	A 47 j	7/00
250	B 02 b	
251–253	B 02 c	9/00
		11/00
254	B 02 c	9/04
255	B 02 b	3/12
256	B 02 b	1/04
		1/06
		1/08
257	B 02 b	5/00
258–274	B 02 b	3/12
	B 02 c	11/08
275–279	B 02 b	3/00
		5/00
		7/00
	B 02 c	7/18
		9/00
		11/00
280	B 02 b	3/00
		5/00
281	B 02 b	3/00
		5/00
	B 07 b	1/18
		1/28
282–285	B 02 b	3/00
		7/02
286	B 02 b	5/02
287, 288	B 02 b	1/00
		3/00
289, 290	B 02 b	1/00
		3/00
		7/00
291	B 02 b	5/00
292	B 02 b	3/00
	B 02 c	9/00
		11/00
293	B 02 b	3/00
		7/02
	B 02 c	9/00
		11/00
294–300	B 02 b	3/00
	B 02 c	9/00
		11/00
301	B 02 b	3/00
	B 02 c	9/00
		11/00
		13/20
302	B 02 b	3/00
	B 02 c	9/00
		11/00
303	B 02 b	3/00
	B 02 c	9/00
		11/00
		13/20
304	B 02 b	3/00
	B 02 c	1/00
		9/00
		11/00
305	B 02 b	3/00
	B 02 c	1/10
		9/00
		11/00
		13/18
		17/20
306–308	B 02 b	3/00
	B 02 c	1/10
		1/24
		9/00
		11/00
		13/18
		17/24

U.S. Class 147

Coopering

(IPC B 27 h)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 27 h	5/00
2, 3	B 27 h	5/04
4, 5	B 27 h	5/02
6	B 27 h	5/00
7–12	B 27 h	5/10
13–17	B 27 h	5/08
18–23	B 27 h	3/02
24	B 27 h	5/08
25–35.5	B 27 h	3/02
36–41	B 27 h	3/04
42	B 27 h	5/08
43	B 27 h	3/00
44–46	B 27 h	3/00
48	B 27 j	1/00
49	B 27 h	5/00

U.S. Class 148

Metal treatment

(IPC C 21 d)

U.S. Subclass	IPC Subclass	IPC Notation
1	C 21 d	
	C 22 c	1/06
		41/00
	C 22 f	
	C 23 c	
	C 23 f	
1.5	H 01 l	7/00
1.6	B 01 j	17/00
	H 01 l	7/00
2–3	B 22 d	25/00
	C 21 d	7/14
	C 22 f	
4–6	C 23 f	7/00
6.1	C 23 f	5/04
6.11	C 23 c	1/00
	C 23 f	5/02
6.14	C 23 c	1/10
	C 23 f	5/02
6.15	C 23 c	1/10
	C 23 f	7/08
6.16, 6.17	C 23 c	1/10
	C 23 f	7/00
6.2	C 23 c	1/10
	C 23 f	7/24
6.21	C 23 c	1/10
	C 23 f	7/00
6.24	C 23 c	1/10
	C 23 f	7/26
6.27	C 23 c	1/08
	C 23 f	7/00
6.3–6.31	C 23 c	11/00
6.35	C 23 c	11/10
		11/11
9–9.6	B 23 k	7/00
		9/00
	B 26 f	3/06
11.5	C 21 d	
12–12.7	C 21 f	
12.9	C 21 d	1/04
13	C 21 d	1/00
	C 22 f	1/00
13.1	C 21 d	1/44
		1/56
		1/68
	C 22 f	1/08
13.2	C 21 d	1/44
		1/56
		1/68
	C 22 f	1/08
14–19	C 21 d	1/48
		1/56
20	C 21 d	1/46

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 148—Con.		
		1/56
20.3	C 21 d	1/56
		1/74
20.6	C 21 d	1/44
		1/56
22	B 23 k	35/22
	C 23 c	1/12
23	B 23 k	35/34
	C 23 c	1/12
24–26	B 23 k	35/34
27–30	B 23 k	35/24
31	C 22 b	
	C 22 c	
31.5	C 22 b	
	C 22 c	
31.55–31.57	C 04 b	35/00
	H 01 f	1/04
		1/14
		7/00
32	C 22 c	
32.5	C 22 c	
	H 01 l	7/58
33	H 01 l	3/00
33.1	H 01 l	3/14
		3/22
33.2	H 01 l	5/00
33.3, 33.4	H 01 l	3/00
33.5	H 01 l	3/00
33.6	H 01 l	3/00
34	B 23 p	3/00
	C 04 b	35/00
35	C 22 c	37/00
36	C 04 b	35/70
	C 22 c	29/00
37	C 22 c	39/14
		39/20
38	C 22 c	39/26
39	C 22 c	35/00
100–105	H 01 f	1/02
108	C 21 d	1/04
	H 01 f	
110–113	H 01 f	1/04
120–122	H 01 f	1/00
125	C 21 d	1/62
126, 127	C 21 d	1/00
128, 129	C 21 d	1/54
130	C 21 d	1/78
		7/00
	C 22 f	3/00
131	C 21 d	1/78
	C 22 f	3/00
132	C 21 d	1/00
133	C 21 d	1/00
	C 22 f	1/00
134	C 21 d	1/00
	C 22 c	37/00
		41/00
135–136	C 21 d	1/00
	C 22 c	39/00
137	C 21 d	1/00
138	C 21 d	5/00
	C 22 c	37/00
139–141	C 21 d	5/00
142–144	C 21 d	1/18
145	C 21 d	1/06
146	C 21 d	1/00
147	C 21 d	9/24
148	C 21 d	1/00
149	C 21 d	1/68
150	C 21 d	1/10
		1/40
		1/42
151	C 21 d	1/08
152	C 21 d	1/06
153	C 21 d	1/00
154	C 21 d	1/10
		1/40
		1/42
155	C 21 d	1/00
156	C 21 d	9/52
157	C 21 d	1/00
158	C 21 d	1/00
	C 22 f	1/00
159	C 21 d	1/00
	C 22 f	1/04
160	C 21 d	1/00
	C 22 f	1/08
161	C 21 d	1/00
	C 22 f	1/06
162	C 21 d	1/00
	C 22 f	1/16
171	H 01 l	7/00
172	H 01 l	7/40
173	H 01 l	7/00
174, 175	H 01 l	7/36
176	H 01 l	7/00
177–182	H 01 l	7/46
183	H 01 l	7/48
184, 185	H 01 l	7/46
186–188	H 01 l	7/44
189	H 01 l	7/36
		7/44
190	H 01 l	7/44
191	H 01 l	7/36

U.S. Class 149

Explosive and thermic compositions or charges

(IPC C 06 b)

1	C 06 b	15/00
	C 06 d	5/02
2	C 06 b	19/00
	F 42 b	1/00
3–13	C 06 b	19/02
14–16	C 06 c	3/10
17–20	C 06 b	
	F 42 b	
21	C 06 b	
22	C 06 b	15/00
	C 06 c	1/00
23–28	C 06 c	1/00
29–32	C 06 d	
	C 06 f	3/06
33–36	C 06 c	1/02
37	C 06 b	15/00
	C 06 c	1/00
	C 06 d	1/00
38	C 06 b	15/00
	C 06 c	1/00
39	C 06 b	9/00
		15/00
	C 06 c	1/00
40	C 06 b	15/00
	C 06 c	1/00
	C 06 d	1/00
41	C 06 b	15/00
	C 06 c	1/00
	C 06 d	1/00
42	C 06 b	11/00
		15/00
	C 06 c	1/00
	C 06 d	1/00
43	C 06 b	1/00
		15/00
	C 06 c	1/00
	C 06 d	1/00
44	C 06 b	15/00
	C 06 c	1/00
	C 06 d	1/00
45	C 06 b	1/00
46	C 06 b	1/04
47	C 06 b	
48–50	C 06 b	1/04
		5/02
51–54	C 06 b	1/04
		3/02
55–57	C 06 b	1/04
		9/00
58, 59	C 06 b	1/04
		5/02
60	C 06 b	1/04
61	C 06 b	1/00
62	C 06 b	
63–65	C 06 b	1/00
		5/02
66	C 06 b	1/00
		3/02
67–69	C 06 b	1/00
		9/00
70, 71	C 06 b	1/00
		11/00
72, 73	C 06 b	1/02
74	C 06 b	13/00
75–77	C 06 b	11/00
78	C 06 b	
79	C 06 b	5/02
		11/00
80	C 06 b	9/00
		11/00
81, 82	C 06 b	11/00
83–86	C 06 b	11/00
	C 06 d	3/00
87	C 06 b	15/00
88	C 06 b	3/00
		5/00
89–91	C 06 b	7/00
92	C 06 b	15/02
93	C 06 b	3/00
94	C 06 b	5/00
		19/04
95	C 06 b	5/04
96	C 06 b	5/00
		19/04
97–98	C 06 b	5/04
99	C 06 b	5/02
		9/00
100	C 06 b	5/00
101, 102	C 06 b	3/02
103	C 06 b	3/02
		9/00
104	C 06 b	3/00
105, 106	C 06 b	9/00
107	C 06 b	9/04
108	C 06 b	5/00
109	C 06	

U.S. Class 150

Cloth, leather and rubber receptacles

(IPC A 45 c)

.5, 1	A 45 c	/00
	B 65 d	/00
1.5	A 63 b	55/00
1.6	A 45 c	3/02
1.7	A 45 c	3/04
1.8	A 45 c	11/00
		13/00
	B 65 d	37/00
2	A 01 g	19/06
2.1–2.7	A 61 f	7/00
	B 65 d	33/00
		37/00
		57/00
3–11	A 45 c	13/00
	B 65 d	33/16
		39/00
		41/00
		45/00
		55/00
		77/10
12	A 45 c	13/26
	B 65 d	33/06
13, 14	A 45 c	13/00
	B 65 d	57/00
		67/00
		91/00
15–27	A 45 c	13/00
	B 65 d	33/16
		39/00
		41/00
		45/00
		55/00
		77/10
28	A 45 c	1/00
		3/00
		13/00
29	A 45 c	13/04
		13/06
30–32	A 45 c	13/00
	B 65 d	57/00
33	A 45 c	13/26
34	A 45 c	1/00
		11/26

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 150—Con.		
35	A 45 c	1/08
		15/00
36	A 45 c	1/00
		13/00
37	A 45 c	1/10
38	A 45 c	1/00
		13/00
39	A 45 c	11/18
40	A 45 c	11/32
41	A 45 c	11/14
42 – 46	A 45 c	13/00
	B 65 d	33/16
		39/00
		41/00
		45/00
		55/00
		77/10
47	A 45 c	13/18
		13/20
48 – 51	A 45 c	5/00
		7/00
		13/00
	B 65 d	1/00
		3/00
		11/00
		13/00
		37/00
52	B 65 b	11/00
	B 65 d	65/02
	B 65 h	81/00
53	A 41 b	3/18
		7/12
54	B 65 d	85/04
		85/06
U.S. Class 151		
Nut and bolt locks		
(IPC F 16 b)		
2	F 16 b	39/00
3	F 16 b	39/02
4 – 6	F 16 b	39/00
7	F 16 b	39/24
8	F 16 b	39/06
9 – 12	F 16 b	39/32
13	F 16 b	39/24
14	F 16 b	39/16
		39/30
		39/34
14.5	F 16 b	39/00
15 – 18	F 16 b	39/00
19	F 16 b	39/36
20 – 22	F 16 b	39/02
		39/28
23	F 16 b	39/06
24	F 16 b	39/04
25	F 16 b	39/00
26	F 16 b	39/04
27 – 30	F 16 b	39/00
31	F 16 b	39/06
33	F 16 b	39/22
		39/28
34, 35	F 16 b	39/28
36	F 16 b	39/24
37	F 16 b	39/26
		39/28
38, 39	F 16 b	39/22
40	F 16 b	39/32
41	F 16 b	39/24
		39/26
41.5	F 16 b	39/28
41.7, 41.71	F 16 b	39/00
41.72	F 16 b	39/28
41.73 – 49	F 16 b	39/00
50	F 16 b	39/22
51, 52	F 16 b	39/24
53 – 67	F 16 b	39/02
68	F 16 b	39/00
69	F 16 b	43/00
70	F 16 b	39/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 152		
Resilient tires and wheels		
(IPC B 60 c)		
1	B 60 b	9/00
2 – 4	B 60 b	9/00
		19/08
5 – 18	B 60 b	9/00
		15/04
		15/20
19	B 60 b	19/02
20 – 39	B 60 b	9/00
40 – 52	B 60 b	9/10
53 – 68	B 60 b	9/18
69 – 86	B 60 b	9/04
87 – 112	B 60 b	9/08
151	B 60 c	
152	B 60 c	17/00
153	B 60 c	19/06
154	B 60 c	19/00
155 – 166	B 60 c	5/00
167 – 184	B 60 c	7/22
		9/00
		11/00
		27/00
185 – 207	B 60 c	7/22
		9/00
		27/00
208 – 245	B 60 c	11/00
		27/00
246 – 329	B 60 c	7/00
330 – 366	B 60 c	5/00
		9/00
		11/00
		13/00
		15/00
		17/00
367 – 373	B 60 c	21/00
374	B 60 c	9/00
375 – 414	B 60 c	5/16
		7/24
		25/00
415 – 431	B 60 c	23/10
		29/00
U.S. Class 156		
Adhesive bonding and miscellaneous chemical manufacture		
(IPC B 32 b)		
1	B 29 c	17/00
		27/00
	B 31 b	1/60
	B 32 b	31/00
2	B 44 c	1/22
	C 23 b	3/00
	C 23 f	1/00
	C 23 g	1/00
3	B 32 b	31/14
	B 44 c	1/22
	C 23 b	3/00
	C 23 f	1/00
	C 23 g	1/00
4	C 23 f	1/00
	C 23 g	1/00
5	B 21 b	45/00
	B 24 b	1/00
	C 23 f	1/00
	C 23 g	1/00
6	B 23 p	15/00
	B 24 b	1/00
	B 24 c	1/00
	B 29 c	24/00
	C 23 f	1/00
	C 23 g	1/00
7 – 13	B 29 c	17/08
	C 23 b	3/04
	C 23 f	1/02
14	B 41 c	1/00
15	C 03 c	15/00
16	C 23 f	1/02
17	H 01 l	7/00
18	C 23 b	3/00

U.S. Subclass	IPC Subclass	IPC Notation
	C 23 f	1/00
19	C 23 b	3/00
20	C 23 g	1/36
21	C 23 f	3/02
22 – 23	C 23 f	1/00
24 – 25	C 03 c	15/00
		25/06
39	B 32 b	13/00
		31/00
		31/06
40	B 32 b	30/04
		31/14
	C 04 b	39/00
41	B 32 b	31/12
		31/22
42	B 32 b	3/18
43	B 32 b	5/20
44	B 32 b	31/12
45	B 32 b	31/14
46	B 32 b	3/24
47	H 01 b	13/00
48	H 01 b	13/00
		17/34
49	B 21 f	15/02
	H 01 r	3/00
		5/00
		7/00
		43/00
	H 02 g	1/14
50	H 01 b	13/00
51	H 01 b	7/02
		13/06
		13/22
52	H 01 b	13/10
		13/26
53 – 56	H 01 b	13/06
		13/26
57	A 01 n	1/00
		3/00
58 – 59	B 44 c	
60	B 29 c	27/00
	B 31 b	1/60
	B 32 b	31/00
	B 65 b	
	B 65 c	
61	A 41 g	
	B 44 c	
	B 44 d	
62	B 29 j	
	B 32 b	31/00
		35/00
	B 43 k	
	B 43 l	
62.2 – 62.8	B 29 j	5/00
	B 31 d	
	B 32 b	17/00
	O 21 j	
63	B 44 c	
64	G 01	
65	E 06 b	9/26
66	A 41 h	37/00
	A 44 b	19/00
67	B 44 c	
	B 44 d	
	B 44 f	1/00
	C 09 k	1/00
68	C 14 b	1/02
		15/00
69	B 29 c	27/00
	B 65 b	7/00
70	A 41 h	
	B 32 b	3/00
	B 65 b	11/00
71	E 04 b	2/00
	E 04 f	13/00
72	A 46 d	1/00
	B 32 b	5/00
	O 05 c	15/00
73	B 29 c	27/08
	B 32 b	31/16
74	B 32 b	31/16
75	B 29 c	27/00
	B 32 b	31/00
	G 01 m	1/00
76	O 21 d	3/00
	O 21 h	5/08
77 – 79	B 32 b	5/18

U.S. Class 156—Con.

U.S. Subclass	IPC Subclass	IPC Notation
		31/14
80	B 29 b	3/00
	B 29 c	27/00
81	A 63 b	37/02
		39/00
	B 29 c	27/00
	B 32 b	1/06
82	B 29 c	25/00
	B 32 b	31/12
		31/26
	B 44 d	5/00
83	B 32 b	31/02
		31/14
84 – 86	B 29 c	27/00
	B 32 b	31/00
87	B 32 b	31/00
88	O 03 d	47/50
	O 06 c	25/00
89	C 03 b	29/00
	C 04 b	33/34
		37/00
90	B 32 b	33/00
91	B 32 b	7/04
92 – 93	B 32 b	7/08
94	B 29 h	19/00
	B 32 b	35/00
95 – 96	B 29 h	5/04
		5/16
		17/36
	B 32 b	
	B 60 c	11/00
		21/00
97	B 29 h	5/16
	B 60 c	21/02
		21/06
98	B 32 b	35/00
99 – 100	B 32 b	17/00
	C 03 c	27/00
	G 02 b	
	G 02 c	7/00
101 – 107	B 32 b	17/00
		31/00
	C 03 c	27/00
108	B 60 j	1/00
	E 06 b	3/00
		5/00
		7/00
109	C 03 c	27/00
	E 06 b	3/24
110 – 111	B 29 h	5/02
		5/10
		11/00
		15/00
		17/00
112	B 29 h	11/00
113	B 29 h	11/00
		13/00
114	B 29 h	17/38
115	B 60 c	21/08
116	B 29 h	21/02
117	B 29 h	17/00
		17/12
		17/34
118	B 29 h	15/00
119	B 29 h	15/02
120 – 121	B 29 h	15/00
	B 60 c	29/00
122	B 29 h	15/04
123	B 29 h	17/08
		17/10
		17/18
		17/20
		17/34
124	B 29 h	17/08
		17/10
		17/18
		17/20
		17/34
	B 60 c	9/14
		9/16
125	B 29 h	17/00
126 – 127	B 29 h	17/37
128 – 130	B 29 h	17/02
131 – 132	B 29 h	17/22
		17/24
		17/28
		17/34
133, 134	B 29 h	17/10
		17/20
135	B 29 h	17/22
136	B 29 h	17/32
137	B 29 d	17/00
	B 29 h	7/22
	F 16 g	1/00
138	B 29 h	7/22
	F 16 g	1/00
139 – 142	B 29 h	7/22
	F 16 g	5/00
143, 144	B 31 c	
145	A 63 b	39/00
		41/00
	B 32 b	31/00
146	A 63 b	39/00
		41/00
	B 29 h	7/02
147	A 63 b	39/00
		41/00
	B 32 b	31/00
148, 149	B 32 b	
	O 03	
	O 04	
150, 151	C 23 b	
152	B 32 b	31/00
	C 09 j	
153, 154	B 32 b	31/00
155	B 32 b	31/00
	C 09 j	
156	B 65 c	3/26
157	B 31 f	5/00
	B 65 h	19/00
		69/02
	G 03 d	15/04
158	B 65 h	69/02
159	B 31 f	5/00
	G 03 d	15/04
160	B 32 b	31/00
	C 09 j	
161	B 32 b	
	B 65 h	81/00
162	B 31 c	
163	B 32 b	31/00
	C 09 j	
164	B 32 b	31/08
165	B 29 c	19/00
	B 32 b	31/00
166	B 32 b	
167	O 04 h	3/16
168	O 04 h	
169 – 175	B 31 c	
	B 65 h	81/00
176 – 179	B 32 b	5/00
	B 32 f	29/02
180	B 29 h	9/02
	O 04 h	3/08
181	B 29 h	9/04
	O 04 h	3/08
182	B 32 b	31/00
	C 09 j	
183	B 31 f	1/12
184 – 195	B 31 c	
	B 65 h	81/00
196	B 31 f	
197	B 31 d	3/02
198	B 29 c	17/00
199 – 202	B 31 f	1/00
203	B 29 d	23/10
204	B 31 f	
205, 206	B 31 f	1/22
207	B 31 f	1/22
		1/32
208	B 31 f	1/22
209	B 31 f	
210	B 31 f	1/20
211	B 31 f	3/00
212 – 215	B 29 c	17/04
	B 65 c	
216	B 32 b	3/04
217, 218	B 29 d	23/10
219	B 31 f	
220 – 227	B 31 f	
228, 229	B 29 c	
	B 32 b	31/00
230	B 44 c	
231	B 29	
232 – 241	B 44	
242 – 246	B 29	
	B 29	
247 – 249	B 32	
	C 09	
250 – 271	B 32	
272	B 29	
273 – 274	B 29	
275	B 29	
276	B 32	
	C 09	
277	B 32	
	B 41	
278 – 280	B 05	
	B 32	
281 – 283	B 32	
	C 09	
284	B 32	
	C 09	
285 – 287	B 29	
288, 289	B 32	
	C 09	
290	B 32	
291	B 32	
292	B 29	
	B 32	
293, 294	B 29	
	B 32	
295	B 32	
	C 09	
296	B 32	
297	B 32	
	B 65	
298	B 32	
299	B 32	
	B 65	
300 – 302	B 32	
303	B 32	
	B 65	
303.1	B 29	
304	B 29	
305	C 09	
306	C 09	
307, 308	C 09	
309	C 09	
310	B 32	
311, 312	C 09	
313	C 09	
314 – 319	C 09	
320	B 65	
	C 09	
321	C 09	
322 – 324	C 09	
325 – 327	C 09	
328	C 09	
329 – 335	C 09	
336	C 09	
337	C 09	
338	C 09	
344	B 32	
345	C 23	
346 – 348	B 28	
	B 32	
349 – 352	B 32	
	G 05	
353 – 355	B 26	
	B 32	
356, 357	B 05	
358 – 360	B 32	
	G 05	
361	B 32	
	B 65	
362, 363	B 32	
	B 65	
364 – 368	B 32	
	G 05	
369	B 29	
	B 32	
370, 371	B 29	
372 – 377	B 29	
378	G 01	
379	B 32	

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 156—Con.		
380	B 29 c	19/02
381, 382	B 32 b	31/00
383	B 32 b	
384 – 388	B 32 b	
	B 41 m	
389	B 32 b	
390	B 05	
	B 32 b	
391	B 32 b	
	G 03 m	
	G 04 m	
392	B 32 b	
	B 65 h	81/00
393	B 32 b	
	G 03	
	G 04	
394 – 396	B 29 h	17/00
397	B 29 h	17/02
398 – 403	B 29 h	17/12
		17/22
		17/24
404	B 29 h	11/00
405 – 413	B 29 h	17/02
414 – 419	B 29 h	17/16
420	B 29 h	17/10
421	B 29 h	17/00
422	B 29 h	17/32
423	B 29 d	3/00
424	H 01 k	
425 – 432	B 31 c	
	B 65 h	81/00
433	B 65 h	
	G 04 h	
434	B 32 b	
	H 01 m	
435	G 04 h	11/08
436	B 65 h	
	G 04 h	
437	B 29 h	9/00
438 – 440	B 65 h	
	G 04 h	
441, 441.5	B 29 h	9/00
441, 44.5	G 04 h	3/00
442, 442.4	B 43 m	
443	B 31 f	
	B 65 c	
444	B 65 c	9/28
444.1	B 43 m	
445	A 63 b	
	B 29 h	7/00
446	B 65 c	3/12
		3/16
		9/04
447	B 65 c	9/06
448 – 456	B 65 c	9/04
457	B 65 c	3/12
		3/16
		9/04
458	B 65 c	9/04
459	B 31 f	1/00
460	B 29 h	7/22
		17/32
461	B 31 f	1/00
462	B 31 f	1/20
463	B 31 f	
464	B 32 b	31/00
	B 65 c	
465	B 31 f	
466	B 29 d	23/00
	B 31 f	
467, 468	B 31 f	
469 – 473	B 31 f	1/00
474	B 31 f	1/34
475	B 29 c	17/00
	B 65 c	
476, 477	B 32 b	
	B 65 c	
478	B 32 b	3/04
	B 65 c	
479, 480	B 32 b	3/04
481	B 32 b	
	B 65 c	
482 – 493	B 65 c	
494 – 496	B 32 b	31/00
497 – 499	B 32 b	31/00
	C 09 j	
500	B 29 b	
501	B 29 b	7/14
502	B 31 f	5/00
	B 65 h	19/00
		69/02
	G 03 d	15/04
503	B 29 h	
504	B 65 h	19/08
505, 506	B 31 f	5/00
	G 03 d	15/04
507 – 509	G 03 d	15/04
510 – 527	B 32 b	31/00
528	B 43 m	
529 – 535	B 32 b	31/00
536	B 32 b	
537 – 539	B 32 b	31/00
540 – 542	B 44 c	
543 – 553	B 32 b	31/04
554, 555	B 31 f	5/00
	B 32 b	31/04
556	B 31 f	5/00
	B 32 b	31/00
	B 65 h	29/00
557 – 563	B 32 b	31/00
564, 565	B 65 c	9/08
566 – 568	B 65 c	9/00
569	B 65 c	9/08
	B 65 h	
570 – 573	B 65 c	9/08
574 – 577	B 44 c	7/00
578	B 65 c	11/04
579	B 32 b	31/00
	C 09 j	
580	B 30 b	
	B 32 b	31/00
581, 582	B 32 b	31/00
583	B 30 b	15/34
	B 32 b	31/00
584	B 32 b	
585, 586	B 31 f	1/00
587, 588	B 31 f	1/36
589	B 31 f	3/00
590	B 31 f	1/00
591	B 31 f	1/20
592, 593	B 31 f	1/00
594	B 31 f	1/24
595	B 31 f	1/00
596	B 31 f	1/20
597	B 31 f	1/00
598	B 32 b	31/00

U.S. Class 157

Wheelwright machines

(IPC B 60 c)

1.1	B 60 c	25/00
1.11 – 1.2	B 60 c	25/06
1.21	B 60 c	25/12
1.22, 1.24	B 60 c	25/08
1.26, 1.28	B 06 c	25/06
1.3	B 60 c	25/04
1.33 – 1.49	B 60 c	25/06
1.5, 1.55	B 21 k	1/34
2 – 4	B 27 h	7/00
5, 7	B 60 c	25/20
8 – 10	B 27 h	7/00
11	B 60 c	25/00
12	B 27 h	7/00
13	B 29 h	21/08

U.S. Class 159

Concentrating evaporators

(IPC B 01 d)

1	B 01 b	
	B 01 d	1/00
2	B 01 d	1/28
3 – 4	B 01 d	1/16
5 – 7	B 01 d	1/22
8	B 01 d	1/14
		1/22
9 – 15	B 01 d	1/22
16	B 01 d	1/14
17 – 20	B 01 d	1/26
21	B 01 d	1/00
	C 13 g	1/00
22 – 24	B 01 d	1/00
25	B 01 d	1/00
		1/30
26	B 01 d	1/04
27	B 01 d	1/06
28	B 01 d	1/00
29	B 01 d	1/00
30	B 01 d	1/30
31	B 01 d	1/00
32	B 01 d	1/00
	C 13 g	1/00
33	B 01 d	1/30
34	B 01 d	1/00
35	B 01 d	1/00
	B 01 l	7/02
36 – 41	B 01 d	1/00
42	B 01 d	1/30
43 – 44	B 01 d	1/00
45	B 01 d	1/00
		9/00
	B 01 j	17/02
46	B 01 d	1/00
47	B 01 d	1/00
	F 26 b	7/00
48	B 01 d	1/16
	F 26 b	3/12
49	B 01 d	1/22

U.S. Class 160

Closures, partitions and panels, flexible and portable

(IPC E 04 f)

1 – 9	E 05 f	15/20
10	G 08 b	13/08
11	A 47 l	1/00
12 – 17	E 06 b	9/52
18		
19	E 06 b	9/00
20 – 22	E 04 f	10/00
	E 06 b	9/00
23 – 31	A 47 h	1/00
	E 04 f	10/06
	E 06 b	9/08
32 – 36	E 04 f	10/08
	E 06 b	9/26
37 – 39	E 04 f	10/00
	E 06 b	9/00
40 – 43	E 06 b	7/16
		7/18
44	E 06 b	7/14
45 – 52	E 04 f	10/00
53	E 04 f	10/00
54	E 04 f	10/00
55	E 04 f	10/06
56 – 58	E 04 f	10/02
59, 60	E 04 f	10/00
61	E 04 f	10/08
62	E 04 f	10/10
63	E 04 f	10/02
64, 65	E 04 f	10/00
66 – 75	E 04 f	10/06
76	E 04 f	10/02
77 – 83	E 04 f	10/00
84	A 47 h	5/00
	E 06 b	3/94
85, 86	A 47 h	1/00
87 – 107	A 47 h	1/00
	E 06 b	3/32
108 – 112	A 47 h	1/00
	E 06 b	9/08
113 – 119	E 06 b	3/48
120 – 122	A 47 h	1/00
	E 06 b	9/08
123 – 126	A 47 h	1/00
127, 128	E 06 b	9/00
129 – 132	E 06 b	3/48
		9/00
133	E 06 b	9/08

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 160—Con.		
134	E D6 b	3/94
135	A 47 g	5/00
136 – 165	E D6 b	3/92
166 – 167	E D6 b	9/26
168 – 173	E D6 b	9/30
174 – 176	E D6 b	9/26
177, 178	E D6 b	9/38
179	E D6 b	3/80
180	E D6 b	7/28
181 – 187	E D5 d	3/48
		3/96
		15/00
188 – 193	E D5 f	11/00
		13/00
		15/00
194 – 198	E D5 d	15/06
199	E D5 d	15/26
200	E D5 d	3/48
		3/96
		15/06
201 – 205	E D5 d	15/06
		15/16
		15/26
206, 207	E D5 d	15/26
208 – 213	E D5 d	15/00
		15/26
214	E D5 d	15/00
215 – 236	E D6 b	3/12
		9/00
237	A 47 h	23/00
238 – 265	A 47 g	5/02
	A 47 h	1/00
266 – 289	A 47 h	3/00
	E D6 b	9/17
290	A 47 g	5/02
	A 47 h	1/00
291 – 308	E D6 b	9/208
309 – 322	A 47 g	5/02
	A 47 h	1/00
309 – 332	E D6 b	9/20
323 – 325	A 47 h	1/13
		1/20
326	A 47 h	1/13
327 – 329	A 47 h	23/00
	E D6 b	3/80
330 – 339	A 47 h	1/00
340 – 341	A 47 h	5/00
342	A 47 h	5/04
343	A 47 h	5/06
344 – 347	A 47 h	5/00
348	A 47 h	13/14
349	A 47 h	1/00
350	A 47 h	7/00
351	A 47 g	5/00
352	E D6 b	9/00
		9/24
353	A 47 g	5/00
	E D6 b	3/30
		3/80
		9/24
354	A 47 h	23/00
368	A 47 h	3/00
		15/00
	E D6 b	3/00
368.2	A 47 g	9/00
369 – 370	A 47 h	3/00
		15/00
	E D6 b	3/00
371 – 381	A 47 g	5/00
	E D6 b	3/30
		9/24
382	A 47 h	3/00
		23/00
383 – 404	A 47 h	13/00
405	A 47 h	33/00

U.S. Class 161

Stock material and miscellaneous articles

(IPC B 32 b)

1 – 3	B 44 f	1/00
3.5	B 44 f	1/04
4 – 6	B 44 f	1/00
7	A 44 c	
	D D4 d	7/04
8	A 44 c	23/00
		25/00
	A 47 g	33/02
9	D D4 d	7/06
		7/10
10	A 41 d	25/02
	D D4 d	7/06
		7/10
11	A 41 g	9/00
		11/00
12 – 16	A 47 g	33/08
17	A 63 g	
18	B 44 f	7/00
19	A D1 n	1/00
	A 41 g	1/00
	B 44 f	7/00
20	A D1 n	1/00
21 – 31	A D1 n	3/00
	A 41 g	1/00
	A 47 g	33/04
32	A 47 f	
	D D4 d	
33	B 44 f	1/10
34	B 44 f	1/10
		1/14
35	D D4 h	3/02
36 – 38	B 32 b	3/10
		3/14
		3/16
39 – 40	B 32 b	
41 – 45	B 32 b	1/04
		3/02
	D D4 h	1/02
46	B 32 b	1/00
		5/00
		7/00
47	D D3 d	15/02
48 – 54	B 32 b	3/06
		7/08
	D D3 d	27/00
	D D4 h	11/00
55 – 60	B 32 b	5/12
61	B 32 b	3/02
	D D4 d	5/00
		7/08
62 – 67	D D3 d	27/00
	D D4 h	11/00
68 – 69	B 32 b	3/12
70 – 78	D D3 d	3/00
		15/00
		17/00
		25/00
	D D6 m	17/40
79 – 85	B 32 b	5/02
		5/06
86	B 32 b	3/02
87	B 32 b	5/16
88, 89	B 32 b	15/02
	D D6 m	
	D D6 q	
90, 92	D D3 d	11/00
		13/00
93	B 32 b	
94 – 97	D D6 m	
	D D6 q	
98	D D3 d	11/00
99 – 108	B 32 b	3/04
109 – 115	B 32 b	3/10
116, 117	B 32 b	3/00
118	B 32 b	3/00
		3/02
119 – 124	B 32 b	3/00
125	B 32 b	1/00
		3/00
	D D3 d	3/08
126, 127	B 32 b	1/00
		3/02
128 – 136	B 32 b	3/28
		3/30
137	B 32 b	1/00
		3/00
138	B 32 b	1/00
		3/00
139	B 32 b	3/20
140 – 144	B 29 h	17/28
	B 32 b	3/14
		3/18
	D D4 h	5/00
145	B 32 b	3/00
146, 147	B 32 b	3/00
		7/14
148	B 32 b	7/14
149	B 32 b	3/02
150	D D4 h	1/04
151 – 158	B 32 b	5/06
		5/22
		7/04
		11/02
		13/02
	D D4 h	1/00
159 – 161	B 32 b	3/26
		5/18
162, 163	B 32 b	5/16
		19/00
164	B 32 b	
	D D6 n	7/04
165	B 32 b	
166	B 32 b	7/02
167	C 09 j	7/02
168	B 32 b	5/16
		21/02
169	B 32 b	5/02
		5/16
	D D4 h	1/00
170	D D4 h	1/30
	H 32 b	5/16
171	B 32 b	5/16
172 – 181	D D2 g	3/00
182	B 32 b	9/04
183	B 32 b	27/36
184	B 32 b	27/38
185	B 32 b	17/10
		27/38
186	B 32 b	15/08
		27/38
187	B 32 b	27/06
188	B 32 b	7/04
		31/06
189	B 32 b	27/06
		27/30
190	B 32 b	27/40
191	B 32 b	9/04
192, 193	B 32 b	17/06
194	B 32 b	17/10
195, 196	B 32 b	17/06
197, 198	B 32 b	17/10
199	B 32 b	17/06
200	B 32 b	17/08
		23/04
		23/22
201	B 32 b	17/08
		23/20
202	B 32 b	11/04
		17/06
203, 204	B 32 b	17/10
205	B 32 b	13/04
		19/08
206	B 32 b	13/04
207	B 32 b	13/06
208	B 32 b	13/12
209, 210	B 32 b	13/08
		13/10
211	B 32 b	9/04
212	B 32 b	9/04
	D D6 n	1/00
213	B 32 b	15/04
214 – 216	B 32 b	15/08
217 – 219	B 32 b	15/04
220	B 32 b	15/10
		15/12
221, 222	B 32 b	15/06
223 – 225	B 32 b	15/04
226	B 32 b	9/04
227	B 32 b	27/06
		27/34
228 – 230	B 32 b	27/10
231	B 32 b	27/06
		27/36
232	B 32 b	27/10
233	B 32 b	27/06

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 161—Con.		
234	B 32 b	9/04
235	B 32 b	9/06
236	B 32 b	11/00
	D D6 n	5/00
237, 238	B 32 b	11/06
	D D6 n	5/00
239, 244	B 32 b	25/12
245	B 32 b	9/04
246	B 32 b	9/06
247	B 32 b	27/30
		27/32
248	B 32 b	27/42
249	B 32 b	27/30
		27/32
		32/08
250	B 32 b	27/10
251	B 32 b	27/30
252–254	B 32 b	27/08
255	B 32 b	27/32
256	B 32 b	27/30
257	B 32 b	27/42
258	B 32 b	27/08
		27/42
259	B 32 b	27/10
		27/42
260	B 32 b	23/04
		23/20
		23/22
261, 262	B 32 b	27/42
263, 264	B 32 b	27/10
		27/42
265	B 32 b	23/04
		29/00
266	B 32 b	23/04
267	B 32 b	21/06
268	B 32 b	21/04
		21/14
		29/00
269	B 32 b	23/04
		23/06
270	B 32 b	21/04
		21/06
271	B 32 b	9/04
400	B 41 b	5/02
		11/02
401	B 41 f	29/00
402–405	B 32 b	
406	B 32 b	7/06
407–412	B 32 b	
413	D D6 n	
	D D6 p	

U.S. Class 162

Paper making and fiber liberation

(IPC D 21 f)

1	D D1 b	
	D D1 c	
	D 21 b	
	D 21 c	
2	D D1 c	3/00
3	C D3 b	37/00
4	D 21 b	1/08
		1/32
	D 21 c	5/02
5–8	D 21 c	5/02
9	D 21 c	9/00
10–11	D 21 c	9/00
	D 21 d	3/00
12	D 21 d	3/00
13	D 21 c	3/00
	D 21 f	
14	D 21 c	11/00
15	D 21 c	11/06
16	D 21 c	11/00
17–19	D 21 c	3/26
20	D D1 b	1/14
	D 21 c	
21–22	D 21 b	1/36
23	D 21 b	1/12
		1/30
24–25	D 21 b	1/16
26–27	D 21 b	1/04
28	D 21 b	1/04
	D 21 c	3/26
29	D 21 c	11/00
30–35	D 21 c	11/12
		11/14
36	D 21 c	11/02
		11/12
		11/14
37–46	D 21 c	
47	D 21 c	11/06
48	D 21 c	7/14
49	D 21 c	7/14
50	D 21 c	5/00
51	D 21 c	11/08
52	D 21 c	1/10
		5/00
		7/06
		7/08
53–54	D 21 c	1/10
		5/00
		5/02
		9/08
55	D 21 c	9/08
56	D 21 c	5/00
		9/00
57–58	D 21 c	3/22
		7/00
59	D 21 c	7/14
60	D 21 c	9/02
61	D 21 c	7/12
	G D1 n	
	G D5	
62	D 21 c	7/12
	G D1 n	
63–69	D 21 c	
70–71	D 21 c	
72	D 21 c	3/20
73	D 21 c	3/18
		3/20
74–77	D 21 c	3/20
78–80	D 21 c	3/00
81	D 21 c	3/16
82	D 21 c	3/00
83	D 21 c	3/04
84	D 21 c	3/04
		3/26
85	D 21 c	3/18
		3/26
86	D 21 c	3/02
		3/04
		3/26
87	D 21 c	3/18
88	D 21 c	3/18
		3/26
89	D 21 c	3/02
		3/26
90	D 21 c	3/02
91	D D1 c	
	D 21 c	
92	D D1 b	1/50
	D D1 c	1/00
93–97	D D1 c	1/00
	D 21 c	5/00
98	D D1 b	
	D D1 c	1/02
	D 21 c	5/00
99	D D1 c	1/00
	D 21 c	5/00
100	D 21 d	3/00
	D 21 f	
	D 21 h	
	D 21 j	
101	D 21 d	3/00
	D 21 h	3/00
102	D 21 h	5/26
103	B 32 b	5/20
	D 21 d	3/00
104	D 21 d	3/00
	D 21 h	1/08
105–106	D 21 d	3/00
	D 21 h	3/82
	E D4 c	1/62
107	D 21 d	3/00
	D 21 h	3/82
108	D 21 d	3/00
	D 21 h	1/08
109	D 21 h	5/02
110	D 21 f	1/44
	D 21 h	5/00
111–113	B 31 f	1/12
	D 21 h	5/24
114	D 21 f	11/00
	D 21 h	5/02
115–117	D 21 f	11/00
		13/00
	D 21 h	5/00
118	B 31 c	
	D 21 f	5/00
	D 21 h	1/00
	D 23 f	13/00
119–122	D 21 f	13/00
	D 21 h	1/00
	D 21 j	5/00
123–133	D 21 f	11/00
		13/00
	D 21 h	1/02
134	D 21 f	11/00
		13/00
	D 21 h	5/02
135	D 21 f	11/00
		13/00
	D 21 h	1/10
136	D 21	
fiD611/DD		
		13/00
	D 21 h	1/48
137	D 21 f	11/00
		13/00
	D 21 h	1/10
138	D 21 f	11/00
		13/00
	D 21 h	1/12
		3/00
139	D 21 f	11/00
	D 21 h	5/16
140	D 21 f	11/00
	D 21 h	5/10
141–144	D 21 f	11/00
	D 21 h	5/12
145	D 21 f	11/00
	D 21 h	5/18
146–149	D 21 f	11/00
	D 21 h	5/12
150	D 21 f	11/00
	D 21 h	5/14
151	D 21 f	11/00
	D 21 h	5/12
152	C D4 b	43/02
	D 21 f	11/00
	D 21 h	5/18
153	C D4 b	43/04
	D 21 f	11/00
	D 21 h	5/18
154	C D4 b	15/16
	D 21 f	11/00
	D 21 h	3/66
		5/18
155	C D4 b	43/04
	D 21 f	11/00
	D 21 h	5/18
156	C D4 b	43/02
	D 21 f	11/00
	D 21 h	5/18
157	D 21 f	11/00
	D 21 h	5/12
158	D 21 d	3/00
	D 21 f	11/00
	D 21 h	
159	D 21 d	3/00
	D 21 h	3/00
160, 161	D 21 d	3/00
	D 21 h	5/22
162	D 21 d	3/00
	D 21 h	3/80
		3/82
163	D 21 d	3/00
	D 21 h	3/02
164	D 21 d	3/00
	D 21 h	3/36
165	D 21 d	3/00
	D 21 h	3/50
166–167	D 21 d	3/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 162—Con.		
	D 21 h	3/52
		3/58
168	D 21 d	3/00
	D 21 h	3/40
		3/46
169	D 21 d	3/00
	D 21 h	3/40
170	D 21 d	3/00
	D 21 h	3/64
171	D 21 d	3/00
	D 21 h	3/06
172–173	D 21 d	3/00
	D 21 h	3/04
174	D 21 d	3/00
	D 21 h	3/14
175–176	D 21 d	3/00
	D 21 h	3/20
177	D 21 d	3/00
	D 21 h	3/22
178	D 21 d	3/00
	D 21 h	3/20
179	D 21 d	3/00
	D 21 h	3/08
180	D 21 d	3/00
	D 21 h	3/34
181	D 21 d	3/00
	D 21 h	3/66
182	D 21 d	3/00
	D 21 h	3/00
183–186	D 21 d	3/00
	D 21 f	11/00
	D 21 h	3/00
187	D 21 h	3/66
		5/08
188	D 21 h	5/00
189–191	D 21 f	1/66
192	D 21 d	
	D 21 f	1/64
	D 21 j	
193	D 21 f	1/36
194–195	D 21 f	11/00
	D 21 j	1/02
196	D 21 f	7/00
		11/00
198	D 21 f	11/00
		13/00
199–200	D 21 f	1/32
201	D 21 f	
	D 21 h	
	D 21 j	
202	D 21 f	11/00
203	D 21 f	11/04
		11/08
204–207	D 21 f	11/00
	D 21 j	
208	D 21 f	11/00
	D 21 j	1/00
209	D 21 f	1/18
	D 21 j	11/00
210–216	D 21 f	1/00
		11/00
217	D 21 f	1/48
		11/00
218–224	B 29 j	5/00
	D 21 f	13/00
	D 21 j	1/00
		3/00
225	D 21 f	13/00
	D 21 j	1/06
226	D 21 j	1/06
		3/00
227	D 21 j	1/04
		3/00
228–229	D 21 g	
	D 21 j	3/00
		5/00
		7/00
231	D 21 h	
	D 21 j	
232	D 21	
233–237	D 21 c	7/00
238	D 21 c	7/12
239–242	D 21 c	7/00
243	D 21 c	7/14
244	D 21 c	7/02
245	D 21 c	7/00
246–247	D 21 c	7/06
		7/08
248–249	D 21 c	7/14
250	D 21 c	7/10
251	D 21 c	7/00
		7/08
252–253	D 21	
254	D 21 d	
255	D 21 f	7/04
256–257	D 21 f	
	D 21 j	
258	D 21 f	1/08
259	D 21 f	1/06
260	D 21 f	
	D 21 j	
261	D 21	
	D 21 d	1/00
262	D 21	
	D 21 f	7/02
263	D 21	
	D 21 f	7/06
264	D 21 f	1/66
265–266	D 21 h	1/10
		3/00
267–268	D 21 h	1/00
	D 21 j	1/00
269–271	D 21 f	
	D 21 h	
	D 21 j	
272–273	D 21 f	
274–279	D 21 f	1/32
280	B 31 f	1/12
	D 21 g	
281, 282	B 31 f	1/12
	D 21 g	3/04
283	B 31 c	
	B 31 d	11/00
	B 65 h	17/00
		27/00
	D 21 g	9/00
284–285	B 31 c	1/00
		3/00
		5/00
286	B 26 d	
	B 26 f	
	B 31 f	3/00
287	B 31 f	1/00
		7/00
288	D 21 j	3/00
289	D 21 f	
290	D 21 f	5/00
		9/00
291–304	D 21 f	1/00
305	D 21 f	3/00
		9/00
306–307	D 21 f	2/00
308	D 21 f	5/00
	D 21 j	
309–311	D 21 f	
	D 21 h	5/06
312–314	D 21 f	1/44
	D 21 h	5/00
	D 21 j	
315–317	D 21 f	1/00
318–319	D 21 f	1/04
		1/60
320	D 21 f	1/00
321	D 21 f	1/04
		1/60
322	D 21 f	1/00
323–333	D 21 f	1/04
		1/60
334	D 21 f	1/04
		1/50
		1/56
335	D 21 f	1/04
		1/48
		1/60
336–340	D 21 f	1/00
		1/06
341–342	D 21 f	1/18
343–347	D 21 f	1/06
348–349	D 21 f	1/10
350	D 21 f	1/24
351–352	D 21 f	1/10
	D 21 g	9/00
353	D 21 f	1/58
	D 21 g	9/00
354	D 21 f	1/00
355–356	D 21 f	1/18
357	D 21 f	1/60
358	D 21 f	3/00
359	D 21 f	3/00
		5/00
360	D 21 f	3/00
361–362	D 21 h	5/06
		7/00
363–366	D 21 f	1/48
		3/10
367–372	D 21 f	3/10
373–374	D 21 f	1/48
375–376	D 21 f	5/00
377–379	D 21 d	
	D 21 j	3/00
381	D 21	
382–386	D 21 j	3/00
		7/00
387–395	D 21 j	3/00
		7/00
396–410	D 21 j	3/00
411–416	D 21 j	3/00
		7/00

U.S. Class 163

Needle and pin making

(IPC B 21 g)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 21 g	1/00
2, 3	B 21 g	1/06
4	B 21 g	3/32
5	B 21 g	3/18
6	B 21 g	3/00
7	B 21 g	3/04

U.S. Class 164

Metal founding

(IPC B 22 d)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 22 c	
	B 22 d	
2, 3	B 41 c	3/02
	B 41 d	3/00
4, 5	B 22 c	
	B 22 d	
6	B 22 c	
7	B 22 d	9/00
8	B 22 d	7/02
		9/04
9–11	B 22 d	19/00
12	B 22 c	9/12
13	B 22 c	7/00
14	B 22 c	3/00
15	B 22 c	9/00
16	B 22 c	9/12
17	B 22 c	9/00
18	B 22 c	25/00
19–21	B 22 c	15/20
22	B 22 c	15/22
23–29	B 22 c	9/00
30–32	B 22 c	9/10
33	B 22 c	9/12
34–36	B 22 c	9/02
37	B 22 c	15/00
38	B 22 c	15/28
39	B 22 c	15/10
40	B 22 c	15/00
41, 42	B 22 c	1/00
43	B 22 c	1/22
44	B 22 c	9/00
45	B 22 c	7/00
46	B 22 d	23/00
47	B 22 d	
48–52	B 22 d	27/02
53	B 22 d	23/00
54	B 23 k	23/00
55–59	B 22 d	27/18
		27/20
60	B 22 d	25/00

U.S. Class 164—Con.

U.S. Subclass	IPC Subclass	IPC Notation
61–63	B 22 d	27/16
64	B 22 d	11/10
65	B 22 d	27/16
66–68	B 22 d	21/02
		23/00
69, 70	B 22 d	23/00
		31/00
71	B 22 d	27/08
72	B 22 c	3/00
	B 22 d	27/00
73	B 22 d	11/00
74	B 22 c	3/00
	B 22 d	27/00
75	B 22 d	19/00
76	B 22 d	
77	B 22 d	23/00
78	B 22 d	25/00
79	B 22 d	27/00
80	B 22 d	23/06
81	B 22 d	23/00
82–86	B 22 d	11/00
87, 88	B 22 d	11/06
89	B 22 d	11/00
90	B 22 d	19/12
91	B 22 d	19/00
92	B 22 d	19/10
93–97	B 22 d	23/00
98–112	B 22 d	19/00
113	B 22 d	13/00
		27/10
114–118	B 22 d	13/00
119	B 22 d	27/14
120	B 22 d	27/10
121	B 22 d	
122–126	B 22 d	7/10
		27/04
127	B 22 d	15/00
128	B 22 d	27/04
129, 130	B 22 d	23/00
		47/00
131, 132	B 22 d	29/00
133–136	B 22 d	1/00
		23/00
		35/00
		37/00
		39/00
137	B 22 d	33/04
138	B 22 c	1/00
		3/00
139, 140	B 41 d	3/00
141	B 41 d	3/20
142	B 41 d	3/24
143	B 41 d	3/22
144	B 41 d	3/00
		3/28
145	B 41 d	3/00
146–149	B 41 c	
	B 41 d	
150–157	B 22 c	19/04
		25/00
	B 22 d	1/02
		17/32
158	B 41 c	
	B 41 d	
159	B 22 c	
160	B 22 c	9/12
		15/22
161, 162	B 22 c	13/02
		13/14
163	B 22 c	13/14
164	B 22 c	13/04
165, 166	B 22 c	13/08
167, 168	B 22 d	47/02
169	B 22 c	15/00
170, 171	B 22 c	15/08
172	B 22 c	15/00
173	B 22 c	15/08
174	B 22 c	13/16
175	B 22 c	15/20
176–179	B 22 c	13/10
180–182	B 22 c	17/00
183	B 22 c	17/08
184	B 22 c	17/12
185	B 22 c	17/14
186	B 22 c	13/12
187, 188	B 22 c	15/00
189	B 22 c	19/06
190	B 22 c	17/06
191	B 22 c	17/04
192, 193	B 22 c	5/12
194	B 22 c	15/00
195	B 22 c	15/28
196, 197	B 22 c	15/30
198, 199	B 22 c	15/20
200–202	B 22 c	15/22
203	B 22 c	15/10
204	B 22 c	15/30
205	B 22 c	15/10
206	B 22 c	15/14
207–212	B 22 c	15/02
213, 214	B 22 c	17/00
215, 216	B 22 c	9/22
217–221	B 22 c	17/06
222	B 22 c	7/00
223	B 22 c	19/06
224	B 22 c	17/08
225	B 22 c	17/04
226	B 22 c	17/02
227	B 22 c	17/00
228–234	B 22 c	7/06
		11/00
		13/12
235–238	B 22 c	7/00
239–243	B 22 c	7/04
244, 245	B 22 c	7/00
		9/22
246	B 22 c	7/02
247–249	B 22 c	7/00
		9/22
250–252	B 22 d	27/02
253–258	B 22 d	27/16
259	B 22 d	27/00
260, 261	B 22 d	27/08
262	B 22 d	
263	B 22 d	11/12
264, 265	B 22 c	31/00
266	B 22 d	1/00
267	B 22 d	
268	B 22 d	11/12
269	B 22 d	45/00
		47/00
270, 271	B 22 d	
272	B 22 d	45/00
273	B 22 d	11/00
274	B 22 d	11/08
275	B 22 d	11/00
		19/00
276–279	B 22 d	11/06
280	B 22 d	11/00
281	B 22 d	11/10
282, 283	B 22 d	11/12
284, 285	B 22 d	13/00
		17/00
286, 287	B 22 d	13/00
288	B 22 d	13/00
		19/00
289, 290	B 22 d	13/06
291, 294	B 22 d	13/00
295	B 22 d	13/10
296	B 22 d	13/00
297	B 22 d	13/10
298	B 22 d	13/00
299–301	B 22 d	13/10
302	B 22 d	13/00
303–305	B 22 d	17/00
306–311	B 22 d	17/06
312–315	B 22 d	17/04
		17/08
316–318	B 22 d	17/04
319, 321	B 22 d	17/00
322, 323	B 22 c	9/20
	B 22 d	5/00
324–328	B 22 d	5/02
329–331	B 22 d	5/04
332–334	B 22 d	17/24
		19/00
335	B 22 d	41/00
336	B 22 d	41/04
337	B 22 d	37/00
		39/00
		41/00
338	B 22 d	27/04
339–341	B 22 d	33/04
342, 343	B 22 d	17/26
344–347	B 22 d	17/22
		29/00
348	B 22 d	27/04
349–351	B 22 c	9/02
		9/20
		9/22
352–357	B 22 d	15/00
358	B 22 c	9/08
359, 360	B 22 c	9/02
		9/08
361	B 22 c	9/02
362, 363	B 22 c	9/08
364	B 22 c	9/02
		9/20
		9/22
365–370	B 22 c	9/10
371–373	B 22 d	15/00
374, 375	B 22 c	21/00
376	A 61 c	13/20
	B 22 c	21/10
377, 378	B 22 c	21/02
379–383	B 22 c	21/14
384–393	B 22 c	21/02
		21/08
		21/10
394–396	B 22 c	21/00
397–400	B 22 c	21/14
401	B 22 c	17/00
	B 22 d	29/00
402	B 22 d	17/00
403	B 22 d	17/06
404–407	B 22 d	29/00
408	B 22 d	29/06
409	B 22 c	17/08
410	B 22 c	23/00
411	B 22 c	21/14
412	B 22 c	
	B 22 d	

U.S. Class 165

Heat exchange

(IPC F 28 f)

U.S. Subclass	IPC Subclass	IPC Notation
1	F 28	
2	F 25 b	13/00
3	F 24 f	3/14
4, 5	F 23 l	15/02
	F 28 d	17/00
6–9	F 23 l	15/02
	F 28 d	19/00
0		
10	F 28 d	17/00
		19/00
11	F 28 f	
12	F 28 d	
	F 28 f	
13	F 28 d	
	F 28 f	28/00
14	F 25 b	29/00
	F 28 f	
15	B 64 d	13/04
		13/08
16, 17	F 25 b	29/00
18	F 24 d	11/00
19–21	F 24 f	3/14
22	F 24 f	3/00
23	B 60 h	3/04
24–31	F 25 b	29/00
32–35	G 05 d	23/00
36, 37	G 05 d	23/00
38	G 05 d	15/00
39, 40	B 60 h	1/00
	B 61 d	27/00
41	F 28 f	
42–44	B 60 h	3/00
	B 61 d	27/00
45	F 28 d	
46	F 28 f	7/00
47	F 24 h	3/00
48	F 25 b	29/00
49	F 24 h	9/08
50	F 24 f	3/00
51	F 01 p	

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 165—Con.		
52	F 02 n	31/08
53	F 24 d	5/10
	F 24 h	9/08
54	F 24 h	3/02
55	F 24 h	9/04
		9/08
56, 57	F 24 h	
58	F 25 b	29/00
59	F 24 f	7/00
60	F 24 f	3/14
61	F 25 b	29/00
62	F 25 b	13/00
63 – 65	F 25 b	29/00
66	A 23 c	3/02
67 – 68	F 28 f	9/00
69	F 28 f	7/00
70	F 28 f	11/00
71	F 16 f	1/34
72 – 75	F 28 d	1/06
76 – 83	F 28 f	7/00
84	F 28 d	11/06
	F 28 g	7/00
85	F 24 h	3/02
	F 28 f	25/10
86	F 28 d	11/00
	F 28 f	5/00
87	F 28 f	5/06
88	F 28 d	11/08
89	F 28 d	11/02
	F 28 f	5/02
90, 91	F 28 d	11/02
92, 93	F 28 f	
94	F 28 f	17/00
	F 28 g	
95	F 28 g	
96	F 28 f	27/00
97	F 28 f	27/02
98, 99	F 01 p	7/10
100 – 103	F 28 f	27/02
104	F 28 d	13/00
105 – 107	F 28 d	15/00
108	F 28 f	13/06
109	F 28 f	13/12
110	F 28 b	1/00
111 – 114	F 28 b	3/00
		9/10
115, 116	A 23 c	3/04
	F 28 d	
117	A 23 c	3/04
	F 28 d	3/02
118	A 23 c	3/04
	F 28 d	3/00
119	F 28 f	13/12
		19/00
120, 121	F 24 h	3/02
	F 28 f	
122	F 24 h	3/06
	F 28 f	13/12
123	F 24 f	3/04
	F 28 f	13/12
124 – 127	F 24 b	1/06
	F 28 f	13/12
128	F 24 h	3/00
		9/02
129	F 24 h	9/02
130	F 24 h	3/00
	F 28 f	9/26
131	F 24 h	3/00
132	F 28 d	1/06
133	F 28 f	13/18
		19/02
134	F 28 f	19/00
135, 136	F 28 f	13/00
137 – 139	F 28 f	7/00
140, 141	F 28 d	7/10
142	F 28 d	7/12
143, 144	F 28 f	9/26
145	F 28 f	9/22
146	F 28 f	13/00
147	F 28 f	13/08
148 – 150	F 28 d	1/00
151	F 28 d	1/04
152, 153	F 28 d	1/02
154	F 28 d	7/10
155	F 28 d	
156	F 28 d	7/12
157	F 28 d	7/10
158	F 28 f	9/02
159 – 161	F 28 d	7/00
	F 28 f	9/22
162	F 28 d	7/00
	F 28 f	9/00
163	F 28 d	
164, 165	F 28 d	7/02
166	F 28 f	3/00
167	F 28 f	3/08
168 – 169	F 28 f	3/12
170	F 28 f	3/14
171	F 28 f	1/32
172	F 28 f	1/10
173 – 175	F 28 f	9/02
176	F 28 d	7/06
177	F 28 f	1/00
178	F 28 f	9/04
179	F 28 f	1/42
180	F 28 f	21/00
181	F 28 f	1/20
182	F 28 f	1/30
183, 184	F 28 f	1/14
		1/36
185	F 28 f	7/00
186	F 28 f	

U.S. Class 166

Wells

(IPC E 21 b)

U.S. Subclass	IPC Subclass	IPC Notation
.5, .6	E 21 b	7/12
		33/035
		43/01
	E 21 c	19/00
50	E 03 b	3/11
51	E 21 b	43/04
52 – 54	E 21 b	
54.5, 54.6	E 21 b	29/00
		43/00
55 – 55.8	E 21 b	29/00
		43/11
56	E 03 b	3/18
	E 21 b	43/02
57 – 62	E 21 b	43/24
63 – 66	E 21 b	43/00
67, 68	E 21 b	33/03
		43/00
68.5	E 21 b	43/00
69	E 21 b	33/03
70	E 21 b	33/05
71 – 97	E 21 b	33/03
98	E 21 b	31/00
99	E 21 b	31/08
100, 101	E 21 b	33/12
102 – 106	E 21 b	43/00
107 – 111	E 21 b	27/00
112, 113	E 21 b	43/00
114 – 116	E 21 b	33/12
117	E 21 b	33/13
117.5, 117.6	E 21 b	7/06
117.7	E 21 b	43/00
118 – 152	E 21 b	23/00
		33/12
		33/13
		49/00
153 – 156	E 21 b	33/16
157 – 158	E 03 b	3/12
	E 21 b	43/00
162 – 169	E 21 b	27/00
		33/132
170 – 176	E 21 b	37/02
177	E 21 b	43/25
178	E 21 b	23/00
179 – 203	E 21 b	23/00
		33/12
205	E 03 b	3/18
	E 21 b	43/00
206 – 208	E 21 b	43/10
209 – 211	E 21 b	40/00
212 – 217	E 21 b	23/00
222, 223	E 21 b	21/00
		43/00
224 – 226	E 21 b	33/00
		43/00
227 – 236	E 03 b	3/18
	E 21 b	43/00
237 – 240	E 21 b	23/00
241	E 21 b	17/10
242	E 21 b	17/14
243	E 21 b	43/00
244	E 21 b	
245	E 21 b	43/00
246	E 21 b	43/22
247 – 249	E 21 b	43/00
250 – 252	E 21 b	47/00
253	E 21 b	33/13
		47/00
254	E 21 b	47/00
		49/00
255	E 21 b	47/00
256, 257	E 21 b	43/24
258	E 21 b	43/14
		43/24
259	E 21 b	43/24
		43/26
260 – 262	E 21 b	43/24
263	E 21 b	43/00
264	E 21 b	47/00
265	E 21 b	39/00
		43/00
266	E 21 b	39/00
		43/00
267	E 21 b	43/00
268	E 21 b	43/16
269	E 21 b	43/16
270	E 21 b	43/22
		43/27
271	E 21 b	43/26
272	E 21 b	43/24
273 – 275	E 21 b	43/16
276	E 21 b	43/02
277	E 21 b	29/00
278	E 21 b	43/04
279	E 21 b	33/138
280	E 21 b	43/26
281	E 21 b	33/13
		43/26
282	E 21 b	43/22
283	E 21 b	43/26
284	E 21 b	33/13
285	E 21 b	33/00
286 – 295	E 21 b	33/13
296	E 21 b	43/10
297, 298	E 21 b	29/00
		43/11
299	E 21 b	43/00
300	E 21 b	43/27
301	E 21 b	31/00
		41/00
302	E 21 b	43/24
303	E 21 b	43/20
		43/24
304	E 21 b	43/00
305 – 307	E 21 b	43/16
		43/25
308	E 21 b	43/26
309, 310	E 21 b	43/00
311, 312	E 21 b	21/00
		37/00
313, 315	E 21 b	43/00

U.S. Class 168

Farriery

(IPC A 01 l)

U.S. Subclass	IPC Subclass	IPC Notation
1	A 01 l	
2	A 01 l	15/00
3	A 01 l	3/06
4	A 01 l	1/00
		3/00
		5/00
5	A 01 l	9/00
6 – 10	A 01 l	1/04
		3/04
11	A 01 l	1/00
		3/00
12 – 16	A 01 l	7/02

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 168—Con.		
17–22	A 01 l	3/00
23	A 01 l	3/00
		7/10
24,25	A 01 l	1/00
26	A 01 l	7/00
27	A 01 l	7/02
		15/00
28	A 01 l	7/02
29–43	A 01 l	7/04
		7/06
44	A 01 l	7/00
45–48	A 01 l	11/00

U.S. Class 169

Fire extinguishers

(IPC A 62 c)

1	A 62 c	
2–4	A 62 c	3/00
5–18	A 62 c	35/00
19–22	A 62 c	37/06
23	A 62 c	39/02
24,25	A 62 c	27/00
26–29	A 62 c	35/02
30	A 62 c	11/00
31,32	A 62 c	13/00
33	A 62 c	11/00
34	A 62 c	9/00
35	A 62 c	13/50
36	A 62 c	9/00
37–41	A 62 c	37/08
42	A 62 c	37/30

U.S. Class 170

Motors, fluid current

(IPC F 03 d)

1	F 03 d	9/00
1.5	B 63 h	9/02
	F 03 d	11/00
2	F 03 d	
3	F 03 d	9/00
4,5	F 03 d	1/04
		3/04
6	F 03 d	5/02
7	F 03 d	5/06
8,9	F 03 d	
10–36	F 03 d	3/00
		7/06
37–80	F 03 d	1/00
		7/02
81	F 03 d	11/00
82–93	E 02 b	9/00
	F 03 b	
	F 03 c	
94	F 03 b	
	F 03 c	3/02
95	F 03 b	
	F 03 c	1/00
96	F 03 b	
	F 03 c	5/00
97–134	F 03 b	
	F 03 c	3/00
135	B 63 h	1/00
		7/00
	B 64 c	11/00
		27/00
135.2–135.29	B 63 h	5/08
	B 64 c	11/46
		27/08
		27/22
135.4	B 63 h	1/28
	B 64 c	11/00
		27/18
135.7–135.75	B 63 h	3/10
	B 64 c	27/12
136–140	B 63 h	1/30
	B 64 c	33/02
141	B 63 h	1/04
		5/02
142	B 63 h	1/38
143–155	B 63 h	1/06
		3/00
156	B 63 h	1/00
		7/00
	B 64 c	11/00
		27/00
157	B 63 h	1/38
158	B 63 h	1/26
	B 64 c	11/20
159–160.11	B 63 h	1/00
		7/00
	B 64 c	11/00
		27/00
160.12	B 63 h	1/22
	B 64 c	11/28
		27/50
160.13–160.21	B 63 h	3/00
	B 64 c	11/34
		11/40
		27/66
		27/70
160.22, 160.23	B 63 h	1/00
		7/00
	B 64 c	11/00
		27/00
160.24–160.62	B 63 h	1/06
		3/00
		5/12
		5/14
	B 64 c	11/06
		11/30
		27/52
		27/54
165–177	B 63 h	1/00
		7/00
	B 64 c	11/00
		27/00

U.S. Class 171

Unearthing plants or buried objects

(IPC A 01 d)

1–15	A 01 d	13/00
		15/00
		17/00
		19/00
		21/00
		23/00
		25/00
		27/00
		29/00
		31/00
		33/00
0		29/00
		31/00
		33/00
16	E 01 b	27/00
17–25	A 01 d	13/00
		15/00
		17/00
		19/00
		21/00
		23/00
		25/00
		27/00
		29/00
		31/00
		33/00
26–42	A 01 d	27/00
43–62	A 01 d	13/00
		15/00
		17/00
		19/00
		21/00
		23/00
		25/00
		27/00
		29/00
		31/00
		33/00
63–65	A 01 b	43/00
66–144	A 01 d	13/00
		15/00
		17/00
		19/00
		21/00
		23/00
		25/00
		27/00
		29/00
		31/00
		33/00

U.S. Class 172

Earth working

(IPC A 01 b)

1	A 01 b	79/00
2	A 01 b	41/06
3	A 01 b	67/00
4	A 01 b	63/111
4.5	E 02 f	3/76
5,6	A 01 b	63/00
7–12	A 01 b	63/112
0		41/04
13–18	A 01 b	45/00
19,20	A 01 b	45/04
21,22	A 01 b	45/02
23	A 01 b	3/64
24	A 01 b	13/04
		39/16
25	A 01 b	13/00
		33/06
26	A 01 b	69/00
26.5,26.6	E 02 f	3/60
27–31	A 01 b	49/04
32	A 01 b	17/00
		25/00
		33/16
		35/32
		77/00
33	A 01 b	3/00
34,35	A 01 b	33/00
36	A 01 b	35/00
37	A 01 b	1/00
		33/00
38,39	A 01 b	33/00
40	A 01 b	35/00
41–43	A 01 b	33/00
44	A 01 b	39/19
45–49	A 01 b	33/00
50–54	A 01 b	33/00
		49/00
55–62	A 01 b	33/00
63–73	A 01 b	9/00
		33/16
		49/02
74–83	A 01 b	33/00
84–89	A 01 b	39/00
		39/10
		41/00
90–107	A 01 b	33/00
		35/00
		39/00
108,109	A 01 b	33/04
110	A 01 b	33/00
		35/00
		39/00
111	A 01 b	33/06
112–125	A 01 b	33/00
126–132	A 01 b	17/00
		25/00
		29/06
		33/16
		35/32
		39/28
133–203	A 01 b	5/00
		49/02
204–232	A 01 b	3/28
		3/40
		3/56
		5/08
		5/14
233–235	A 01 b	13/06

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 172—Con.		
		13/16
236–237	A01b	65/00
238	A01b	63/00
239	A01b	63/111
240–244	A01b	63/00
		73/00
245–255	A01b	63/00
256–260	A01b	69/00
261–271	A01b	61/00
272–275	A01b	51/00
276,277	A01b	59/048
278–291	A01b	69/00
292	A01b	51/00
293–296	A01b	3/00
297–309	A01b	59/044
		59/046
		63/104
		63/106
310–314	A01b	49/00
315–319	A01b	63/14
320	A01b	21/08
321	A01b	63/02
322,323	A01b	63/00
324–328	A01b	59/00
		69/00
329–370	A01b	3/02
		3/04
		5/02
		15/12
		39/00
371–381	A01b	1/00
382	A01b	13/14
383–394	A01b	15/00
		23/00
		33/08
		35/20
		39/00
395–407	A01b	63/16
408–412	A01b	63/18
413	A01b	63/22
414–419	A01b	63/16
420	A01b	63/20
421–427	A01b	63/16
428	A01b	63/20
429	A01b	63/16
430–437	A01b	15/00
		23/00
		33/08
		35/20
		39/00
438	A01b	49/00
439–451	A01b	59/043
		59/06
		63/02
452	A01b	63/00
453	A01b	63/12
454–464	A01b	63/00
465–466	A01b	63/10
467–490	A01b	63/00
491	A01b	63/10
492–493	A01b	63/06
494–506	A01b	63/00
507	A01b	65/04
508–516	A01b	17/00
517	A01b	35/32
		39/26
		39/28
518–521	A01b	5/00
		7/00
		15/16
		21/00
		23/06
		35/28
		39/08
		41/04
522–526	A01b	33/06
527	A01b	33/04
528–530	A01b	13/16
531–537	A01b	5/00
		7/00
		15/16
		21/00
		23/06
		35/28
		39/08
		41/04
538,539	A01b	5/00
		7/00
		15/16
		21/00
		23/06
		35/28
		39/08
		41/04
540–556	A01b	21/02
557	A01b	5/00
		7/00
		15/16
		21/00
		23/06
		35/16
		35/28
		39/08
558–566	A01b	15/16
		23/06
567–601	A01b	5/00
		7/00
		15/16
		21/00
		23/06
		35/16
		35/28
		39/08
602–604	A01b	15/16
		23/06
		59/00
605	A01b	15/16
		23/06
		59/00
606–610	A01b	15/00
		19/10
		23/00
		35/20
		39/20
611	A01b	15/00
		23/00
		35/20
		39/20
612	A01b	35/00
613–662	A01b	19/00
		23/00
		35/00
		39/00
663–668	A01b	65/00
669–676	A01b	
677–680	A01b	59/00
681–698	A01b	15/00
		23/00
		31/00
		35/20
		39/20
699,700	A01b	13/08
701	A01b	13/02
702–712	A01b	15/00
		23/00
		31/00
		35/20
		39/20
713	A01b	23/02
714–719	A01b	15/00
		23/00
		31/00
		35/20
		39/20
720	A01b	39/18
721–733	A01b	39/20
734–753	A01b	15/00
		23/00
		31/00
		35/20
		39/20
754–761	A01b	15/00
762–775	A01b	15/00
		23/00
		31/00
		35/20
		39/20
776	A01b	15/14
		23/04
		35/20
		39/24
777–799	E02f	3/12
800–809	E02f	3/76

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 173		
Tool driving or impacting		
(IPC E 21 c)		
1,2	B21j	
	B23q	
	B25d	
	E02d	
	E21b	
	E21c	
3	B25d	17/14
	E21c	7/00
4–19	B23q	5/00
	E21c	5/00
20,21	B21j	
	B23q	
	B25d	
	E02d	
	E21b	
	E21c	
20–21	E21c	
22–28	E21c	11/02
29	B21j	
	B23q	
	B25d	
	E02d	
	E21b	
	E21c	
30	B25d	17/00
31–37	E21c	9/00
		11/00
38–45	E21c	5/00
		9/00
		11/00
46,47	B21j	
	B23q	
	B25d	
	E02d	
	E21b	
	E21c	
48	E02d	7/02
49	E02d	7/18
50–52	E01g	3/04
53–56	E21b	1/00
57–80	B25d	17/14
	E21c	7/00
81–92	B25d	9/00
		11/00
		13/00
	E21b	1/00
	E21c	3/00
93–93.7	B25d	15/00
94–139	B25d	9/00
		11/00
		13/00
	E21b	1/00
	E21c	3/00
140	B21j	
	B23q	
	B25d	
	E02d	
	E21b	
	E21c	
141–161	B23q	5/00
	E21c	5/00
162–167	E21b	3/00
	E21c	1/00
168–169	B23b	45/04
	B27c	3/08
170	B23b	45/00
	B27c	3/08
171	B23b	45/00
	B25d	17/04
	B27c	3/08

U.S. Class 174

Electricity, conductors and insulators

(IPC H 01 b)

1	H01b	
2–4	H02g	13/00
5	H01b	
6–7	H01r	3/06
8	H01b	3/20

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 174—Con.		
		9/06
	H 02 g	15/20
9	H 01 b	1/00
10	H 02 g	
11	H 02 g	15/28
12	H 02 g	15/26
13, 14	H 01 b	9/06
15, 16	H 01 b	7/34
		9/06
17 – 17.05	H 05 k	5/00
17.06 – 17.08	H 05 k	5/06
18	H 05 k	5/00
19, 20	H 02 g	15/22
21, 22	H 02 g	15/24
23	H 02 g	15/20
24	H 01 b	7/00
25	H 01 b	7/02
26	H 01 b	7/00
27	H 01 b	11/02
28, 29	H 01 b	9/04
		9/06
		11/18
30	H 01 b	17/34
		17/36
31 – 31.5	H 01 b	17/26
32	H 05 k	9/00
33, 34	H 01 b	11/06
35	H 05 k	9/00
36	H 01 b	11/06
37 – 39	H 02 g	9/00
40	H 02 g	7/00
41	H 02 g	7/06
42	H 02 g	7/14
43 – 45	H 02 g	7/20
46	H 01 b	17/56
47	H 01 b	7/00
48, 49	H 02 g	3/04
		3/10
50	H 01 j	5/00
	H 05 k	5/00
50.5 – 50.63	H 01 j	5/00
	H 05 k	5/06
50.64	H 01 j	5/00
	H 05 k	5/06
51	H 05 k	5/02
52	H 05 k	5/00
53 – 58	H 01 h	9/02
		13/04
		19/04
		21/04
		23/04
	H 01 r	13/46
59 – 60	H 01 r	13/46
61 – 64	H 02 b	1/10
65	H 02 g	3/18
66 – 67	H 05 k	5/03
68	H 01 b	7/00
68.5	H 05 k	1/00
69	H 01 b	7/06
70	H 02 g	3/00
71 – 73	H 02 g	3/00
74	H 02 g	15/02
75	H 02 g	15/02
		15/08
76	H 02 g	13/02
		15/08
77 – 83	H 02 g	15/02
		15/08
84 – 94	H 02 g	15/08
95 – 97	H 02 g	3/28
98 – 101	H 02 g	3/00
101.5	H 01 b	7/12
102 – 107	H 01 b	7/18
108 – 109	H 01 b	17/22
110 – 111	H 01 b	7/00
112	H 01 b	7/36
113 – 117	H 01 b	7/00
		11/02
118 – 124	H 01 b	7/00
126 – 127	H 01 b	5/00
128 – 129	H 01 b	5/08
130 – 131	H 01 b	5/10
133	H 01 b	5/02
135	H 01 b	7/00
136	H 01 b	7/24
137	H 01 b	17/00
		17/54
138 – 139	H 01 b	17/00
140	H 01 b	17/42
141	H 01 b	17/48
142	H 01 b	17/26
143	H 01 b	17/28
144	H 01 b	17/44
		17/46
145 – 149	H 01 b	17/00
150	H 01 b	17/04
151 – 153	H 01 b	17/26
154 – 157	H 01 b	17/00
158 – 159	H 01 b	17/16
160	H 01 b	17/06
161 – 165	H 01 b	17/16
166	H 01 b	17/24
167	H 01 b	17/58
168 – 179	H 01 b	17/16
180	H 01 b	17/20
181	H 01 b	17/16
182	H 01 b	17/08
		17/22
183 – 184	H 01 b	17/16
185	H 01 b	17/20
186	H 01 b	17/22
		17/38
187	H 01 b	17/54
188 – 190	H 01 b	17/08
191 – 193	H 01 b	17/08
		17/38
194 – 196	H 01 b	17/20
197 – 206	H 01 b	17/20
		17/38
207	H 01 b	17/38
208	H 01 b	17/24
209	H 01 b	17/32
		17/60
210	H 01 b	17/20
		17/32
211	H 01 b	17/50
		17/52
212	H 01 b	17/00

U.S. Class 175

Boring or penetrating the earth

(IPC E 21 b)

U.S. Subclass	IPC Subclass	IPC Notation
1	E 21 b	47/00
2	E 21 b	7/00
	E 21 c	19/00
3	E 21 b	25/00
3.5	E 21 b	7/00
	E 21 c	19/00
4	E 21 b	49/02
4.5	E 21 b	7/00
		43/116
	E 21 c	19/00
4.51	E 21 b	43/119
4.52 – 4.59	E 21 b	7/00
		43/116
	E 21 c	19/00
4.6	E 21 b	7/00
		43/111
	E 21 c	19/00
5	E 21 b	7/12
		15/02
	E 21 c	19/00
6	E 21 b	7/12
	E 21 c	19/00
7 – 10	E 21 b	15/02
11	E 21 b	7/14
	E 21 c	21/00
12 – 15	E 21 b	7/14
	E 21 c	21/00
16	E 21 b	7/00
	E 21 c	19/00
17	E 21 b	7/00
		21/04
18	F 25 c	5/04
19 – 23	E 21 b	11/02
24	E 21 b	
	E 21 c	
25	E 21 b	1/06
		3/12
26	E 21 b	1/06
		1/08
		3/08
		5/00
27	E 21 b	3/06
		19/08
	E 21 c	1/10
		5/00
38	E 21 b	21/04
	E 21 c	7/00
39	E 21 b	13/00
40	E 21 b	
	E 21 c	
41	E 21 b	47/00
42	E 21 b	21/04
44, 45	E 21 b	47/02
46	E 21 b	21/00
		27/00
		37/00
48	E 21 b	21/04
	E 21 c	7/06
		7/08
49	E 21 b	7/00
	E 21 c	19/00
50	E 21 b	47/00
		49/00
51	E 21 c	1/10
		5/00
52	E 21 b	19/14
53	E 21 c	23/00
	E 21 d	1/06
		3/00
54	E 21 b	7/16
		7/18
55	E 21 c	3/02
56	E 21 b	7/04
57	E 21 b	7/00
58 – 60	E 21 b	49/00
61	E 21 b	7/04
62	E 01 g	3/04
	E 21 c	19/00
64	E 21 b	7/00
		21/04
	E 21 c	23/00
65	E 21 b	21/04
	E 21 c	7/06
		7/08
66	E 21 b	21/04
	E 21 c	7/00
67	E 21 b	7/18
		43/114
68	E 21 b	21/04
	E 21 c	7/00
69	E 21 b	21/04
	E 21 c	7/06
70	E 21 b	21/04
	E 21 c	7/08
		7/10
71	E 21 b	21/04
	E 21 c	7/00
		7/02
72	E 21 b	21/04
73	E 21 b	7/04
		9/34
74	E 21 b	7/08
		7/10
75	E 21 b	7/08
76	E 21 b	7/06
		7/10
		17/10
	E 21 c	9/00
77	E 21 b	7/04
		9/34
		49/02
78	E 21 b	7/04
		49/02
79 – 83	E 21 b	7/04
84	E 21 b	41/00
85	E 21 b	19/00
86	E 21 b	41/00
	E 21 d	1/06
87	E 21 b	
	E 21 c	
88	E 21 b	41/00
89	E 21 b	11/06
90	E 21 b	9/26
91	E 21 b	11/00

U.S. Class 175—Con.

U.S. Subclass	IPC Subclass	IPC Notation
	E 21 c	13/00
92–99	E 21 b	1/06
		3/08
		5/00
100	E 21 b	1/06
		3/12
		5/00
101–103	E 21 b	1/06
		3/08
		5/00
104	E 21 b	1/06
		3/10
		5/00
105	E 21 b	1/06
		3/10
		5/00
106	E 21 b	1/06
		3/08
		5/00
107	E 21 b	1/06
		3/12
		5/00
108	E 21 b	7/00
	E 21 c	1/00
		3/00
		5/00
113–118	E 21 b	3/02
	E 21 c	1/10
121	E 21 b	3/02
	E 21 c	1/10
122	E 21 b	1/02
		3/02
		5/00
	E 21 c	5/00
135	E 21 b	1/02
		5/00
	E 21 c	3/04
161	E 21 b	27/00
162	E 21 b	19/08
	E 21 c	1/10
		5/00
170–173	E 21 b	1/02
		3/02
		5/00
	E 21 c	1/00
		3/00
189	E 21 b	1/02
		5/00
	E 21 c	1/12
		3/00
195	E 21 b	3/04
202	E 21 b	23/00
203	E 21 b	3/06
		19/08
205	E 21 b	21/04
	E 21 c	7/08
206, 207	E 21 b	21/00
	E 21 c	7/00
208	E 21 c	7/08
209–218	E 21 b	21/00
	E 21 c	7/00
219	E 21 b	41/00
220–225	E 21 b	15/00
	E 21 c	11/00
226	E 21 b	49/02
227–229	E 21 b	9/08
		9/18
		9/28
230	E 21 b	17/10
	E 21 c	9/00
231	E 21 b	7/08
		9/00
232–243	E 21 b	25/00
		27/00
244–255	E 21 b	9/20
		25/00
256	E 21 b	7/08
257	E 21 b	11/00
258–261	E 21 b	9/26
262	E 21 b	11/00
263–292	E 21 b	9/26
293–306	E 21 b	1/06
		1/10
		5/00
307	E 21 b	9/00
308–312	E 21 b	27/00
		31/00
313	E 21 b	9/00
314	E 21 b	39/00
315	E 21 b	
	E 21 c	
316	E 21 b	11/00
317, 318	E 21 b	41/00
319	E 21 b	1/06
		3/08
		5/00
320–322	E 21 b	17/00
	E 21 c	15/00
323	E 21 b	17/00
	E 21 c	13/04
324	E 21 b	17/00
	E 21 c	15/00
325	E 21 b	17/10
	E 21 c	9/00
326	E 21 c	9/00
		11/00
327, 328	E 21 c	9/00
		13/00
329, 330	E 21 b	9/36
331	E 21 b	9/08
	E 21 c	13/00
332	E 21 b	9/18
	E 21 c	13/02
333	E 21 b	9/18
		25/00
	E 21 c	13/02
334, 335	E 21 b	9/24
336–343	E 21 b	9/08
	E 21 c	13/00
344–347	E 21 b	9/24
	E 21 c	23/00
348–378	E 21 b	9/08
	E 21 c	13/00
379	E 21 b	9/00
	E 21 c	13/00
380	E 21 b	7/16
381–384	E 21 b	9/00
	E 21 c	13/00
385–386	E 21 b	9/22
	E 21 c	23/00
387	E 21 b	9/16
	E 21 c	13/02
388–392	E 21 b	9/22
	E 21 c	23/00
393	E 21 c	15/00
394	E 21 c	13/04
395	E 21 c	13/08
396	E 21 c	19/00
397	E 21 b	9/06
398–401	E 21 b	9/00
	E 21 c	13/00
402	E 21 b	17/14
403–405	E 21 b	9/16
	E 21 c	13/02
406, 407	E 21 b	9/22
	E 21 c	23/00
408	E 21 b	17/10
	E 21 c	9/00
409–413	E 21 c	13/00
414–420	E 21 c	13/06
		13/08
421	E 21 b	9/06
422	E 21 b	7/18
		41/00
		43/114
	E 21 c	19/00

U.S. Class 176

Nuclear reactions and systems

(IPC G 21 c)

U.S. Subclass	IPC Subclass	IPC Notation
1	G 21 b	
	G 21 j	
2–9	G 21 b	1/00
10–16	G 21 g	1/00
17, 18	G 21 g	1/02
19	G 21 c	7/00
		17/00
20	G 21 c	7/00
21	G 21 c	7/30
22	G 21 c	7/06
23	G 21 c	17/10
24, 25	G 21 c	7/00
		17/00
26	G 21 c	17/00
27–29	G 21 c	19/00
30	G 21 c	19/20
31, 32	G 21 c	19/22
33	G 21 c	7/08
34	G 21 c	7/18
35, 36	G 21 c	7/08
37	G 21 c	19/20
		19/32
38	G 21 c	9/00
39, 40	G 21 c	
41–43	G 21 c	1/06
		7/00
44	G 21 c	1/14
		1/22
		3/44
		15/00
		19/02
45	G 21 c	3/44
		19/28
46–48	G 21 c	3/46
49	G 21 c	1/22
		3/52
		3/54
50–57	G 21 c	15/00
		19/28
58–60	G 21 c	3/56
		19/28
61–63	G 21 c	15/00
		19/28
64	G 21 c	15/00
65	G 21 c	15/00
		19/28
66	G 21 c	3/02
67	G 21 c	3/06
68–71	G 21 c	3/02
72	G 21 c	3/22
73–78	G 21 c	3/30
79, 80	G 21 c	3/10
81	G 21 c	3/08
82	G 21 c	3/20
83	G 21 c	3/02
84	G 21 c	5/00
85	G 21 c	5/08
86	G 21 c	7/10
87	G 21 c	

U.S. Class 177

Weighing scales

(IPC G 01 g)

U.S. Subclass	IPC Subclass	IPC Notation
1	G 01 g	9/00
		17/00
		19/00
2–13	G 01 g	23/38
14	G 01 g	13/24
15	G 01 g	19/40
16	G 01 g	11/14
17–24	G 01 g	19/40
25–44	G 01 g	19/04
		23/22
45–47	G 01 g	23/18
48	G 01 g	23/36
49	G 01 g	23/18
50–51	G 01 g	19/52
52–54	G 01 g	13/00
55–57	G 01 g	13/24
58	G 01 g	19/00
		21/28
59	G 01 g	13/16
60	G 01 g	13/00
61	G 01 g	19/24
62–67	G 01 g	13/00
68	G 01 g	13/02
69–70	G 01 g	19/22
71–72	G 01 g	13/24
73–79	G 01 g	13/02
80	G 01 g	13/00
81	G 01 g	13/04
82	G 01 g	13/04

U.S. Class 177—Con.

U.S. Subclass	IPC Subclass	IPC Notation
		15/02
83–88	G 01 g	13/22
89	G 01 g	13/00
90–102	G 01 g	13/22
103–104	G 01 g	13/00
105	G 01 g	13/18
106–107	G 01 g	13/24
108–110	G 01 g	13/16
111–112	G 01 g	13/34
113	G 01 g	13/18
114–115	G 01 g	13/24
116–120	G 01 g	13/02
121	G 01 g	13/04
122–123	G 01 g	13/02
124	G 01 g	23/02
125	G 07 f	13/04
		17/00
126	G 01 g	21/00
127	G 01 g	21/28
128	G 01 g	21/00
		23/00
129	G 01 g	19/00
130	G 01 g	19/08
131	G 01 g	19/56
132	G 01 g	19/52
133–135	G 01 g	19/02
136–140	G 01 g	19/08
141	G 01 g	19/10
142–144	G 01 g	19/52
145	G 01 g	19/00
146	G 01 g	19/02
		19/52
147	B 66 c	1/40
	G 01 g	19/14
148–149	G 01 g	19/56
150	G 01 g	23/04
151–159	G 01 g	23/02
160	G 01 g	19/00
161–162	G 01 g	23/00
163	G 01 g	21/22
164	G 01 g	23/14
165	G 01 g	13/14
		23/14
166–176	G 01 g	23/14
177	G 01 g	23/30
178	G 01 g	23/32
179	G 01 g	21/02
180	G 01 g	21/28
181–182	G 01 g	23/18
183	G 01 g	21/02
184	G 01 g	21/10
185	G 01 g	23/10
186	G 01 g	23/06
187–189	G 01 g	21/10
		23/06
190	G 01 g	1/22
		1/24
191	G 01 g	1/22
192	G 01 g	1/22
		1/30
193	G 01 g	1/22
194–197	G 01 g	1/22
		1/24
198	G 01 g	21/24
199–200	G 01 g	19/00
201	G 01 g	1/00
		3/00
		7/00
202	G 01 g	1/18
203–205	G 01 g	1/34
206	G 01 g	1/38
207	G 01 g	5/02
208–209	G 01 g	5/04
210–211	G 01 g	3/14
212	G 01 g	1/38
		7/00
213–215	G 01 g	7/00
216	G 01 g	1/02
217	G 01 g	1/06
218	G 01 g	1/10
219	G 01 g	1/06
220–223	G 01 g	1/12
		23/26
224	G 01 g	1/02
225	G 01 g	3/00
226–228	G 01 g	3/18
229	G 01 g	3/08
230	G 01 g	23/26
231	G 01 g	21/28
232–233	G 01 g	3/02
234	G 01 g	23/26
235	G 01 g	1/28
		1/38
236	G 01 g	1/18
237	G 01 g	1/28
		1/30
238–244	G 01 g	21/28
245	G 01 g	19/00
		23/00
246	G 01 g	1/18
247	G 01 g	1/36
248	G 01 g	1/26
249–250	G 01 g	1/36
251–252	G 01 g	1/18
253	G 01 g	21/22
254	G 01 g	5/04
255	G 01 g	21/12
		21/24
		23/06
256–260	G 01 g	21/08
261	G 01 g	21/08
262–263	G 01 g	21/22
264	G 01 g	

U.S. Class 178

Telegraphy

(IPC H 04 I)

U.S. Subclass	IPC Subclass	IPC Notation
1–3	H 04 I	15/00
4, 4.1	H 04 I	15/34
		21/00
5	H 04 n	1/00
5.1	H 04 n	1/44
5.2	H 04 n	1/46
		9/00
5.4	H 04 n	5/38
		5/44
5.6	H 04 n	7/00
5.8	H 04 n	5/60
		7/04
		7/06
6	H 04 n	7/00
6.5	H 04 n	9/54
		9/60
6.6	H 04 n	5/76
6.7	H 04 n	5/84
6.8	H 04 n	3/00
7.1	H 04 n	3/16
7.2	H 04 n	5/38
7.3	H 04 n	3/16
		5/38
7.4	H 04 n	5/44
7.5	H 04 n	3/16
		5/44
7.6	H 04 n	3/00
7.7	H 04 n	3/16
7.8	H 01 j	29/02
		29/86
7.81	H 01 j	29/02
		29/86
7.82	H 01 j	29/06
7.83, 7.84	H 01 j	29/34
7.85–7.89	H 01 j	29/89
7.9	H 01 j	29/02
7.91	H 01 j	28/89
7.92	H 01 j	29/89
8	H 04 n	1/24
10	H 04 n	1/24
11, 12	H 04 n	1/04
13	H 04 n	1/06
14	H 04 n	1/04
15	H 04 I	15/34
		17/16
16	H 04 I	15/24
		17/16
17	H 04 I	15/12
		15/16
		15/18
		15/24
17.5	H 04 I	13/08
	H 04 n	15/18
18–20	G 08 b	5/00
21	H 04 n	1/24
22	H 04 I	9/00
23–27	H 04 I	15/24
		15/34
		17/16
28, 29	H 04 I	15/24
		15/34
		17/24
30–33	H 04 I	15/24
		15/34
		17/16
34, 35	H 04 I	15/24
		15/34
		17/24
36	H 04 I	15/24
		15/34
		17/16
37	H 04 I	9/00
		15/24
		15/34
		17/16
38–42	H 04 I	15/24
		15/34
		17/16
43	H 04 b	5/00
45	H 01 b	11/14
		11/16
	H 04 b	5/10
		25/46
46	H 01 f	17/08
47, 48	H 04 I	5/10
		25/46
		25/62
49	H 04 I	5/02
50	H 04 I	5/00
51	H 04 I	5/06
52, 53	H 04 I	5/22
53.1	H 04 I	5/24
54–57	H 04 I	5/00
58–60	H 04 I	5/14
61	H 04 I	5/00
62	H 04 I	15/34
63	H 04 I	25/02
64	H 04 b	3/02
65	H 04 I	25/18
66	H 04 I	27/00
67	H 04 I	27/24
68	H 04 I	15/00
69	H 04 I	25/02
69.5	H 04 I	7/00
69.6	H 04 I	11/15
70–73	H 04 I	25/20
		25/52
74–76	H 04 I	15/00
77, 78	H 04 I	13/00
79–81	H 04 I	15/04
		17/02
82	H 04 I	15/08
		15/18
		17/12
83–87	H 04 I	15/08
88	H 04 I	15/24
		17/16
89–91	H 04 I	15/30
		17/16
92	H 04 I	15/32
		17/20
93–98	H 04 I	15/24
		17/16
99	H 04 I	9/00
		17/16
100	H 04 I	15/24
		17/16
101–105	H 01 h	21/86
106–109	H 01 h	21/86
110	H 01 h	21/22
111	G 11 b	23/00
112	G 11 b	23/00
113	H 04 I	
114	H 04 I	13/00
115	H 04 I	15/02

U.S. Class 179

Telephony

(IPC H 04 m)

U.S. Subclass	IPC Subclass	IPC Notation
1	H 04 m	1/00
1.5	H 04 m	1/70
		3/16
2	H 04 m	11/00
2.5	H 04 h	1/08
3, 4	H 04 m	11/06
5	H 04 m	11/04
5.5	H 04 m	15/06
6	H 04 m	11/00
6.3	H 04 m	17/02
6.31	H 04 m	17/02
6.4 – 6.5	H 04 m	17/02
7	H 04 m	15/00
7.1	H 04 m	15/18
		15/22
8	H 04 m	15/26
8.5	H 04 m	15/36
9	H 04 m	15/10
10	H 04 m	15/26
11	H 04 m	15/10
12, 13	H 04 m	15/26
14	H 04 m	15/12
15	H 04 j	
15.55	H 04 b	1/66
	H 04 j	3/18
16	H 04 m	3/00
17	H 04 m	3/56
18	H 04 m	3/00
19 – 22	H 04 m	3/16
		3/18
23 – 25	H 04 m	3/00
26	H 04 m	3/42
27	H 04 m	3/60
28	H 04 m	13/00
29	H 04 m	13/00
30 – 33	H 04 m	1/70
34 – 36	H 04 m	5/00
37	H 04 m	9/00
38, 39	H 04 m	1/70
40	H 04 m	9/00
41, 42	H 04 m	5/00
43	H 04 m	5/18
44 – 47	H 04 m	5/12
48 – 51	H 04 m	5/00
52 – 58	H 04 m	5/04
59 – 69	H 04 m	5/10
70	H 04 m	5/00
71 – 76	H 04 m	5/04
77	H 04 m	19/00
78, 79	H 04 b	3/02
80	H 04 b	3/26
81	H 04 m	1/00
82	H 04 b	5/00
84	H 04 m	1/00
85	H 04 m	1/28
86 – 90	H 04 m	1/26
91 – 98	H 04 q	1/00
99, 100	H 04 m	1/00
100.1	G 11 b	
100.11	G 11 b	31/00
	H 04 b	1/20
100.12	G 11 b	31/00
100.2	G 11 b	5/00
100.3	G 11 b	7/00
100.31	G 11 b	7/18
100.4	G 11 b	3/00
100.41	H 04 r	1/16
		9/12
		11/08
		17/04
		19/06
101 – 103	H 04 m	1/02
104	H 04 r	23/02
105	H 04 r	1/24
106	H 04 r	1/04
107	H 04 r	25/00
108, 109	H 04 r	1/42
110	H 04 r	15/00
111	H 04 r	19/00
112	H 04 r	1/04
113	H 04 r	23/00
114	H 04 r	13/02
115	H 04 r	7/02
115.5	H 04 r	9/00
		9/06
		9/10
116	H 04 r	13/02
117 – 120	H 04 r	9/02
		11/06
		13/02
		15/00
121	H 04 r	17/02
		19/04
		21/02
122 – 129	H 04 r	21/02
130	H 04 r	23/00
131 – 133	H 04 r	21/02
134	H 04 r	23/00
135 – 137	H 04 r	21/02
138 – 139	H 04 r	7/00
		21/02
140 – 145	H 04 r	21/02
146 – 147	H 04 m	1/04
148 – 150	H 04 m	1/12
151 – 155	H 04 m	1/04
156 – 157	H 04 m	1/05
158	H 04 m	1/04
159 – 166	H 04 m	1/08
167 – 169	H 04 m	1/02
170	H 04 b	3/38
		3/58
170.2, 170.4	H 04 b	3/20
	H 04 m	9/08
170.6, 170.8	H 04 b	3/20
	H 04 m	
172 – 173	H 04 m	1/00
174	H 04 m	1/74
175	H 04 m	1/24
175.1, 175.11	H 04 m	5/00
175.2, 175.21	H 04 m	3/22
		3/228
175.23	H 04 m	3/22
		3/228
175.24, 175.25	H 04 m	3/22
175.3, 175.31	H 04 b	3/46
176 – 177	H 04 m	3/02
		3/20
178	H 04 m	1/00
179	H 04 m	1/02
180	H 04 r	1/28
181	H 04 r	7/26
182	H 04 r	1/10
183	H 04 m	1/19
184	H 04 r	1/02
185	H 04 r	1/12
186	H 04 r	1/06
187 – 188	H 04 r	1/08
189	H 04 m	1/66
190	H 04 r	1/00
		21/00

U.S. Class 180

Motor vehicles

(IPC B 60 k)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 60 k	
	B 60 l	
	B 60 m	
	B 62 d	
2	B 60 l	9/00
	B 60 m	
3 – 6	B 62 m	27/00
6.2 – 6.7	B 62 d	11/00
7	B 62 d	57/00
8	B 62 d	51/06
		57/02
9 – 10	B 62 d	55/00
11 – 13	B 60 k	
	B 62 d	
14, 14.5	B 60 d	
15, 16	B 60 b	15/00
	B 60 k	9/00
19	B 62 d	51/04
20	B 60 b	19/12
	B 62 d	57/00
21 – 35	B 62 d	3/00
		61/00
36 – 40	B 60 k	3/00
41	B 60 g	17/00
		19/00
		21/00
42 – 52	B 60 k	17/30
		17/34
	B 62 d	7/00
		9/00
53	B 60 k	17/28
		25/00
54 – 64	B 60 k	1/00
		9/00
65	B 60 k	1/00
66, 67	B 60 k	3/00
68	B 60 k	11/02
68.5	B 62 d	25/00
69, 69.01	B 62 d	25/10
69.1	B 62 d	25/20
70 – 75	B 60 k	17/00
		23/00
76	B 60 k	23/00
77, 78	B 60 k	27/00
		29/00
		31/00
		33/00
79	B 62 d	3/00
79.1 – 79.5	B 62 d	5/00
82	B 60 k	27/00
		33/00
	B 60 r	19/00
		23/00
	B 60 t	7/00
84	B 62 d	25/16
85 – 88	B 60 b	35/00
		37/00
	B 62 d	21/00
89	B 60 k	35/00
	B 62 d	39/00
90	B 60 k	37/00
	B 62 d	25/14
90.6	B 62 d	25/20
91 – 98	B 60 k	27/00
		33/00
	B 60 r	19/00
		23/00
	B 60 t	7/00
99	B 60 k	27/08
	B 60 t	7/14
100 – 113	B 60 k	27/00
		33/00
	B 60 r	19/00
		23/00
	B 60 t	7/00
114	B 60 r	25/00
115	B 60 b	39/00
	B 62 d	57/00
116 – 121	B 60 v	1/00
122	B 60 v	1/02
123	B 60 v	1/20
124 – 125	B 60 v	1/00
126	B 60 v	1/04
127, 128	B 60 v	1/16
129, 130	B 60 v	1/02

U.S. Class 181

Acoustics

(IPC F 01 n)

U.S. Subclass	IPC Subclass	IPC Notation
.5	G 01 v	1/00
		7/00
		9/00
		11/00
	G 10 k	11/00
18 – 22	G 10 k	11/00
23	G 02 k	13/00
	H 04 r	25/00
24	A 61 b	7/02
25	G 10 k	11/10
26	G 01 s	3/00
	G 10 k	11/06
27, 28	G 10 k	11/10
29	G 08 b	1/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 181—Con.		
		5/00
	G 10 k	11/08
30	E 04 b	1/99
31	G 10 k	13/00
	H 04 r	7/16
32	G 10 k	13/00
	H 04 r	7/00
33	E 04 b	1/99
	G 10 k	11/04
34	F 01 n	7/00
35	F 01 n	1/00
		5/00
	F 02 m	35/00
36–38	F 01 n	3/06
39	F 01 n	7/12
40	F 01 n	7/10
41	F 01 n	1/00
42	F 01 n	1/04
		1/24
43	F 01 n	1/14
		3/04
44–48	F 01 n	1/00
49	F 01 n	1/08
50	F 01 n	1/10
		1/24
51,52	F 01 n	3/04
53–60	F 01 n	1/08
61	F 01 n	7/18
62	F 01 n	7/16
63	F 01 n	1/00
64,65	F 01 n	1/16
66,67	F 01 n	1/12
68–71	F 01 n	1/00
72	F 01 n	7/00
U.S. Class 182		
Fire escapes, ladders, scaffolds		
(IPC E 06 c)		
1	E 06 c	1/38
		7/08
2	E 04 g	1/00
		3/00
3–9	A 47 l	3/04
	A 62 b	1/16
		35/00
	A 63 b	27/06
		29/02
	E 06 c	7/18
10,11	B 61 b	7/00
12–17	E 04 g	3/16
	E 06 c	1/00
		3/00
		5/00
		7/00
18	E 06 c	5/34
		5/44
19	C 05 b	11/00
20	E 04 g	1/00
21–26	E 06 c	1/00
27	E 04 g	1/00
28–32	A 47 c	19/08
33–33.6	A 47 c	13/00
34	A 47 c	19/22
	E 06 c	1/00
35	E 06 c	1/00
36–39	E 04 g	3/14
40,41	E 06 c	1/56
		9/14
42–44	B 65 g	15/00
		17/00
	B 66 b	9/08
		9/12
45	E 04 g	1/36
		3/12
46,47	A 62 b	3/00
	E 06 c	7/00
48,49	A 62 b	1/20
50	A 62 b	1/18
	F 42 b	15/06
51,52	A 62 c	31/24
53–62	A 47 l	3/02
	E 04 g	3/00
62.5	E 04 g	1/22
	E 06 c	1/12
63–69	E 06 c	1/00
		3/00
		5/04
		7/02
70–76	A 62 b	1/06
77–81	E 06 c	9/00
82–100	E 04 g	3/00
	E 06 c	9/00
101–103	E 06 c	7/16
104,105	E 06 c	1/18
		1/32
106	E 06 c	7/18
107–111	E 04 g	5/02
	E 06 c	1/42
112–113	A 47 l	3/02
	E 04 g	1/16
		5/00
114	E 04 g	1/00
115–126	E 06 c	7/16
127	E 06 c	5/00
128	E 04 g	1/36
129	E 04 g	1/00
		3/00
	E 06 c	5/32
130–132	E 04 g	1/00
		3/00
		5/00
		7/00
133–136	A 63 b	27/00
137–140	A 62 b	1/22
141–149	E 04 g	1/18
		3/10
150	E 04 g	3/10
151	E 04 g	1/34
152	E 04 g	1/34
	E 06 c	1/00
153–155	E 04 g	1/34
156–177	E 06 c	1/00
178	E 04 g	7/00
179	E 04 g	1/00
180	E 06 c	1/14
181–186	E 04 g	1/00
187,188	E 04 g	3/00
189–193	A 62 b	1/20
194,195	E 06 c	1/00
196–199	E 06 c	1/52
		5/26
200–205	E 06 c	1/40
206	E 06 c	1/36
207	E 06 c	5/04
208	E 06 c	5/06
		5/16
209–214	E 06 c	7/06
215,216	E 06 c	7/08
217–219	E 06 c	7/10
220	E 06 c	7/08
221	A 63 b	27/00
222,223	E 04 g	1/16
		5/08
	E 06 c	7/16
224–227	E 04 g	1/32
228	E 06 c	7/08
229	E 04 g	1/00
		3/00
230	E 04 g	1/00
		3/00
		5/00
		7/00
	E 06 c	1/00
U.S. Class 184		
Lubrication		
(IPC F 16 n)		
1	F 01 m	1/00
		3/00
		5/00
		7/00
		9/00
		11/00
	F 16 n	1/00
1.5	F 16 c	3/14
	F 16 n	33/00
2	F 16 n	1/00
3	B 61 k	3/00
4,5	F 16 n	1/00
6	F 01 m	1/00
	F 16 n	17/06
		29/00
7	F 01 m	1/06
	F 16 n	7/14
		13/22
		25/00
8	F 01 m	1/12
	F 16 n	13/22
		21/00
		25/00
9,10	F 16 n	13/22
		25/00
11	F 01 m	1/00
		9/06
	F 16 n	7/26
		7/28
12	F 16 n	13/22
		25/00
13	F 01 m	1/00
		9/06
	F 16 n	7/26
		7/28
14	F 01 m	9/12
		11/00
	F 16 n	1/00
		3/00
		25/00
15	F 16 n	7/16
		7/24
		13/22
16	F 16 n	7/12
		7/24
17	F 16 n	7/24
		25/04
18	F 16 n	1/00
19	F 16 n	7/12
20	F 16 n	13/20
		25/04
21	F 16 n	7/16
22	F 16 n	7/12
23	F 16 n	13/20
		25/04
24	F 16 n	1/00
25	F 16 n	7/12
26	F 01 m	1/00
	F 16 n	7/36
		7/38
		13/00
27	F 16 n	7/14
		7/36
		13/10
28	F 16 n	3/12
		13/08
29	F 16 n	11/10
		13/16
30	F 16 n	9/04
31	F 16 n	13/20
		25/04
32	F 16 n	9/04
		13/02
33	F 16 n	13/20
		25/04
34	F 16 n	9/04
		13/02
		25/02
35	F 16 n	13/20
		25/04
36	F 16 n	21/00
37	F 16 n	7/14
		7/36
		11/08
		13/10
38	F 16 n	3/12
		13/08
39	F 16 n	5/00
		11/10
		13/16
40	F 16 n	11/10
		13/16
41,42	F 16 n	11/08
		11/10

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 184—Con.		
		13/16
43	F 16 n	7/36
		11/12
44	F 16 n	9/04
45	F 16 n	11/04
		11/08
46	F 16 n	11/06
47	F 16 n	1/00
		13/02
48	F 16 n	11/08
49	F 16 n	7/32
		11/10
		13/16
		15/04
		21/00
50, 51	F 16 n	11/10
		13/16
		21/00
52 – 54	F 16 n	11/10
		13/16
55	F 01 m	1/08
	F 16 n	5/00
		7/32
		7/34
56, 57	F 16 n	7/34
58, 59	F 16 n	17/06
60	F 16 n	11/10
		13/16
61	F 16 n	7/14
		7/24
		21/00
62	F 16 n	7/14
63	F 16 n	25/04
64	F 16 n	7/12
65	F 01 m	9/06
		9/08
	F 16 n	7/02
		11/06
66, 67	F 16 n	29/00
68, 69	F 16 n	27/00
		29/00
71	F 16 n	11/08
		13/10
		25/04
		29/00
72	F 16 n	11/10
		13/16
		25/04
		29/00
73	F 16 n	9/04
		25/04
		29/00
74	F 16 n	11/08
		13/10
		29/00
75	F 16 n	29/00
76	F 16 n	11/10
		13/16
		29/00
77	F 16 n	7/36
		11/12
		29/00
78	F 16 n	9/04
		29/00
79	F 16 n	25/02
		29/00
80	F 16 n	23/00
81	F 01 m	9/06
		9/08
	F 16 n	7/02
		11/06
82	F 16 n	23/00
83	F 16 n	27/00
84	F 16 n	11/00
85	F 16 n	17/06
86, 87	F 16 n	23/00
88	F 16 n	11/00
		13/22
		19/00
89, 90	F 16 n	11/00
91	F 16 n	11/04
92	F 16 n	11/00
93	F 16 n	11/04
94	F 16 n	11/00
95	F 16 n	11/04
96	F 16 n	3/00
		7/00
		9/00
		11/00
97	F 16 n	21/00
98	F 16 n	15/00
		39/00
99	F 16 n	15/00
		26/00
100	F 16 n	1/00
101	F 16 n	7/24
		25/04
102	F 16 n	7/12
103	F 01 m	11/12
104	F 01 m	5/00
	F 01 p	11/08
	F 16 n	7/08
		17/02
		17/04
		39/00
105	F 01 m	11/04
106	F 16 n	31/00

U.S. Class 185

Motors, spring, weight and animal powered

(IPC F 03 g)

2	F 03 g	
3	F 03 g	5/00
4 – 7	F 03 g	3/00
9 – 14	F 03 g	1/00
15 – 25	F 03 g	5/00
27 – 36	F 03 g	3/00
37 – 45	F 03 g	1/00

U.S. Class 186

Store service

(IPC B 61 b)

1	E 04 h	3/04
2, 3	B 65 g	47/00
4 – 6	B 61 b	13/00
7	B 61 b	3/02
8 – 13	B 61 b	13/00
14 – 18	B 61 b	9/00
19 – 21	B 61 j	1/06
22	B 66 b	9/00
23	B 66 b	1/24
24, 25	B 61 k	7/00
26, 27	B 61 d	15/00
28	B 61 d	15/12
29 – 32	B 61 d	15/00
33	B 61 b	9/00
34	E 01 b	25/00

U.S. Class 187

Elevators

(IPC B 66 b)

1 – 8	B 66 b	9/00
8.41 – 8.77	B 60 s	13/00
	B 66 f	7/00
9 – 11	B 66 b	9/20
12 – 14	B 66 b	9/06
15	B 66 b	17/12
16	B 66 b	9/00
17 – 27	B 66 b	11/04
28 – 50	B 66 b	1/00
51 – 61	B 66 b	13/00
62 – 66	B 66 b	13/24
67	B 66 b	5/28
68 – 72	B 66 b	5/00
73 – 93	B 66 b	5/16
94	B 66 b	17/12
95	B 66 b	7/02
96	B 66 b	15/00
97	B 66 b	17/22
98	B 66 b	5/00

U.S. Class 188

Brakes

(IPC F 16 d)

1	F 16 d	63/00
2	B 60 t	1/00
3	B 60 t	7/20
4	B 60 t	1/00
5 – 7	B 60 t	1/14
8	B 62 b	17/08
9 – 15	B 62 c	7/00
16	B 60 t	1/00
17, 18	B 60 t	1/06
19	B 62 b	5/04
20	B 62 b	9/08
21 – 23	B 60 t	1/00
24	B 62 l	1/00
25	B 62 l	5/10
26, 27	B 62 l	5/00
28 – 31	B 60 t	1/00
32	B 60 t	3/00
33 – 37	B 61 h	13/00
38 – 40	B 61 h	13/12
41, 42	B 61 h	7/00
43 – 45	B 61 h	7/12
46 – 59	B 61 h	13/00
60	B 61 k	7/20
61	B 61 h	13/00
62	B 61 k	7/02
63	B 61 h	13/00
64	B 65 h	59/00
65.1 – 65.3	B 65 h	59/16
65.4, 65.5	B 65 h	59/14
67	B 65 h	59/10
68	F 16 d	63/00
69	B 62 c	7/02
70	F 16 d	63/00
71 – 73	F 16 d	55/00
74 – 79.5	F 16 d	51/00
80 – 85	F 16 d	63/00
86	F 16 d	51/08
87 – 100	F 16 d	57/00
101	F 16 d	63/00
102	F 16 d	49/02
103	F 16 d	63/00
105 – 109	F 16 d	65/14
110	B 60 t	7/12
111	B 60 t	7/18
112	B 60 t	7/20
113 – 125	B 60 t	7/12
126	B 60 t	8/04
127 – 135	B 60 t	7/12
136	F 16 d	51/60
137 – 141	B 60 t	7/12
142	B 60 t	11/10
143	B 60 t	7/12
144	B 61 h	13/00
145 – 149	B 60 t	7/12
150	B 60 t	8/04
151 – 155	B 60 t	11/10
156, 157	F 16 d	65/36
158	B 60 l	7/00
159, 160	B 60 l	7/10
	H 02 k	49/00
161 – 165	B 60 l	7/00
166 – 169	B 60 t	13/04
170	F 16 d	65/24
171 – 176	B 60 t	13/04
177	B 60 t	8/24
178, 179	B 60 t	13/04
180 – 188	B 60 t	8/12
184 – 188	B 60 t	
189	B 60 t	
190 – 194	B 60 t	8/24
195	B 60 t	8/18
196	F 16 d	65/38
197 – 201	F 16 d	65/52
202, 203	F 16 d	65/56
204 – 217	F 16 d	65/14
218	F 16 d	65/10
219.1 – 233.7	B 61 h	13/36
234 – 249	F 16 d	65/04
250 – 262	F 16 d	69/00
264	F 16 d	65/78
265	F 16 d	69/00

U.S. Class 190

Baggage

(IPC A 45 c)

U.S. Subclass	IPC Subclass	Notation
1	A 45 c	9/00
2	A 47 c	17/82
		19/22
3 – 7	A 47 b	61/06
		85/08
8	A 45 f	4/00
	A 47 c	13/00
9	A 47 b	85/08
10	A 47 b	85/08
11, 12	A 45 f	3/00
	A 47 b	3/10
13 – 15	A 47 b	61/06
15.1	A 45 f	5/00
	A 47 c	13/18
16, 17	A 45 c	3/00
		5/00
		13/00
18	A 45 c	5/00
		13/00
	A 45 f	3/44
19	A 45 c	5/00
20	A 45 c	5/08
21, 22	A 45 c	7/00
23	A 45 c	5/00
24	A 45 c	5/12
		13/00
25	A 45 c	13/36
26, 27	A 45 c	13/30
28	A 45 c	5/00
29 – 36	A 45 c	5/12
		13/00
37	A 45 c	13/36
39	A 45 c	13/26
40	A 45 c	5/02
41	A 45 c	3/00
42	A 45 c	15/00
43 – 47	A 45 c	7/00
		13/00
48	A 45 c	3/00
49 – 52	A 45 c	3/00
		13/00
53, 54	A 45 c	3/00
		13/00
55 – 58	A 45 c	13/10
		13/22
		13/26
59	A 45 c	13/30
60	A 45 c	13/00
61	A 45 c	13/18

U.S. Class 191

Electricity, transmission to vehicles

(IPC B 60 l)

U.S. Subclass	IPC Subclass	Notation
1	B 60 l	9/00
2 – 6	B 60 l	1/00
		9/00
7	B 60 l	1/00
		9/24
8	B 60 l	1/00
		9/00
9	B 60 m	1/00
	B 61 j	1/02
10, 11	B 60 l	9/00
12, 12.2	H 02 g	11/00
12.4	H 02 g	11/02
13 – 22	B 60 m	1/00
23 – 29	B 60 m	1/34
30, 31	B 60 m	1/04
32	B 60 m	1/30
33, 34	B 60 m	
35	B 60 m	1/04
36	B 60 m	1/20
37	B 60 m	1/14
38, 39	B 60 m	1/18
40	B 60 m	1/20
41	B 60 m	1/22
42 – 44.1	B 60 m	1/24
45, 46	B 60 l	5/00
47	B 60 l	5/08
48	B 60 l	5/40
49	B 60 l	5/38
50	B 60 l	5/04
51	B 60 l	5/34
52	B 60 l	5/06
		5/08
53, 54	B 60 l	5/04
55	B 60 l	5/08
		5/20
56	B 60 l	5/06
57, 58	B 60 l	5/36
59	B 60 l	5/06
		5/08
59.1	B 60 l	5/06
		5/08
		5/20
60	B 60 l	5/06
		5/08
60.1 – 60.5	B 60 l	5/06
		5/08
61	B 60 l	5/06
62	B 60 l	5/02
63 – 63.5	B 60 l	5/06
64	B 60 l	5/12
65	B 60 l	5/12
		5/22
66 – 70	B 60 l	5/12
		5/16
71	B 60 l	5/00
72 – 84	B 60 l	5/10
85 – 94	B 60 l	5/00
		5/14
95	B 60 l	5/00

U.S. Class 192

Clutches and power stop control

(IPC F 16 d)

U.S. Subclass	IPC Subclass	Notation
.02, .03	F 16 d	23/00
		43/00
		47/00
.032 – .034	F 16 d	23/00
		43/22
		47/00
.04	F 16 d	21/04
		23/00
		47/00
.042 – .046	F 16 d	21/04
		23/00
		47/00
.048	F 16 d	23/00
		47/00
.049	F 16 d	23/00
		47/00
		62/02
		67/02
.052	F 16 d	21/04
		47/00
.055, .058	F 16 d	23/00
		47/00
		67/02
.062	F 16 d	21/04
		23/00
		47/00
.07	F 16 d	23/00
		47/00
.072	F 16 d	21/04
		23/00
		23/00
		47/00
		47/00
		62/02
		67/02
.073	F 16 d	21/04
		23/00
		47/00
.075	F 16 d	23/00
		47/00
.076	F 16 d	23/00
		23/10
		47/00
.077	F 16 d	23/00
		47/00
.08	F 16 d	21/04
		23/00
		47/00
.082	F 16 d	23/00
		47/00
		67/02
.084	F 16 d	23/00
		47/00
.09, .092	F 16 d	21/04
		23/00
		47/00
		67/02
.094	F 16 d	23/00
		47/00
		67/02
.096, .098	F 16 d	23/00
		47/00
1 – 3	F 16 d	23/00
		67/00
3.21	F 16 d	33/00
		35/00
		37/00
3.22	F 16 d	33/04
		35/00
3.23 – 3.34	F 16 d	33/00
		35/00
		37/00
3.5, 3.6	F 16 d	67/00
4 – 6	F 16 d	41/24
		67/00
	F 16 h	57/10
7, 8	F 16 d	57/10
		67/00
9	F 16 d	67/00
	F 16 h	57/10
10, 11	F 16 d	13/76
		67/00
	F 16 h	57/10
12, 13	F 16 d	67/02
14	F 16 d	13/76
		67/02
15	F 16 d	67/02
16	F 16 d	13/76
		67/02
17	F 16 d	67/02
18	F 16 d	11/06
		13/22
		67/02
19	F 16 d	67/02
20	F 16 d	21/04
21	F 16 d	11/06
		21/04
21.5	F 16 d	27/00
22, 23	F 16 d	1/00
		37/02
24	F 16 d	11/06
25	F 16 d	3/44
26	F 16 d	11/06
27	F 16 d	3/34
		15/00
28	F 16 d	11/00
29	F 16 d	11/06
30	F 16 d	11/00
		23/00
31	F 16 d	13/04
		23/00
		31/00
		41/00
		43/00
32 – 35	F 16 d	13/04
		23/00
		41/00
		43/00
36	F 16 d	13/04
		23/00
		41/20
		43/00
		67/02
37	F 16 d	11/06
		13/04
		15/00
		23/00
		43/00
38	F 16 d	3/34
		11/06
		13/04

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 192—Con.		
		23/00
		41/06
		43/00
39	F 16 d	11/06
		13/04
		23/00
		43/00
40	F 16 d	13/04
		27/00
		37/02
		43/00
41	F 16 d	11/06
		13/04
		23/00
		43/00
42	F 16 d	13/04
		23/00
		43/00
43	F 16 d	11/06
		13/04
		23/00
		41/10
		43/00
43.1, 43.2	F 16 d	11/06
		13/04
		23/00
		43/00
44	F 16 d	3/34
		11/06
		13/04
		15/00
		41/06
		43/00
45	F 16 d	3/34
		11/06
		13/04
		15/00
		23/00
		41/06
		43/00
45.1	F 16 d	15/00
		23/00
		41/06
		43/00
45.2	F 16 d	13/00
		23/00
		43/00
46	F 16 d	11/00
		13/00
		13/04
		23/00
		43/00
47	F 16 d	13/04
		23/00
		43/00
48	F 16 d	21/08
		39/00
		43/00
48.1	F 16 d	21/00
		39/00
		43/00
48.2	F 16 d	27/08
48.3, 48.4	F 16 d	47/00
48.5	F 16 d	47/02
48.6	F 16 d	47/04
48.7	F 16 d	21/08
48.8, 49.9, 49.91	F 16 d	21/02
48.92	F 16 d	41/04
49	F 16 d	21/08
		39/00
50	F 16 d	21/08
		39/00
		41/00
51	F 16 d	11/06
		21/08
52	F 16 d	11/06
53	F 16 d	11/00
		13/00
54, 55	F 16 d	7/00
		23/00
		43/20
56	F 16 d	7/02
		23/00
		43/20
57	F 16 d	25/00
		31/00
58	F 16 d	31/00
59	F 16 d	25/06
		31/02
60	F 16 d	31/02
61	F 16 d	31/04
62 – 64	F 16 d	23/00
65	F 16 d	11/00
		13/22
66	F 16 d	11/04
		13/22
67, 68	F 16 d	11/04
		11/10
		13/22
69	F 16 d	11/04
		11/10
70	F 16 d	11/06
		13/22
70.11	F 16 d	11/04
		13/22
70.12	F 16 d	13/72
		13/74
70.13	F 16 d	13/00
70.14	F 16 d	13/00
70.15	F 16 d	13/24
		13/66
70.16	F 16 d	13/58
70.17	F 16 d	13/68
70.18	F 16 d	13/18
70.19, 70.2	F 16 d	13/52
70.21	F 16 d	13/54
70.22	F 16 d	13/04
70.23, 70.24	F 16 d	13/42
70.25, 70.26	F 16 d	13/54
70.27, 70.28	F 16 d	13/50
70.29, 70.3	F 16 d	11/06
		13/22
		13/38
		13/48
71	F 16 d	11/06
72, 73	F 16 d	11/06
		13/14
		13/20
74, 75	F 16 d	11/06
		13/14
76	F 16 d	11/06
		13/14
77, 78	F 16 d	11/06
		13/14
		13/16
79 – 81	F 16 d	11/06
82	F 16 d	11/00
		19/00
83	F 16 d	19/00
		21/00
84	F 16 d	19/00
		27/00
		37/02
85	F 16 d	19/00
		25/00
86	F 16 d	19/00
		21/00
		25/00
87.1	F 16 d	19/00
		21/08
		25/10
87.11	F 16 d	19/00
		21/08
		25/00
87.12	F 16 d	19/00
		21/08
		23/10
		25/00
87.13 – 87.19	F 16 d	19/00
		21/08
		25/00
88	F 16 d	19/00
		21/00
		23/00
89, 90	F 16 d	13/44
		19/00
		21/00
		23/00
91	F 16 d	13/44
		19/00
		21/00
		23/00
		25/00
92 – 102	F 16 d	19/00
		21/00
		23/00
103	F 16 d	23/10
		43/06
104 – 106	F 16 d	23/10
		43/24
106.1, 106.2	F 16 d	3/14
		47/02
		69/00
107 – 111	F 16 d	11/00
		13/60
112	F 16 d	11/00
		13/60
113	F 16 d	13/60
		13/72
		13/74
114	F 16 d	13/60
115	F 16 d	13/68
116.5 – 124	F 16 d	49/04
		67/00
	F 16 p	3/00
125 – 128	F 16 d	67/00
		71/00
	F 16 p	3/00
129 – 131	F 16 d	3/06
		7/00
		9/00
		67/00
		71/00
132 – 135	F 16 d	7/00
		9/00
		67/00
		71/00
	F 16 p	3/08
136, 137	F 16 d	7/00
		67/00
		71/00
	F 16 p	3/00
138 – 150	F 16 d	11/04
		13/22
		13/54
		67/00
		71/00
	F 16 p	3/00

U.S. Class 193

Conveyers, chutes, skids, guides and ways

(IPC B 65 g)

1 – 7	B 65 g	11/00
8	B 65 g	11/04
9 – 11	B 65 g	11/00
12, 13	B 65 g	11/06
14 – 24	B 65 g	11/00
25	B 65 g	11/10
27 – 29	B 65 g	11/00
30	B 65 g	11/14
31, 32	B 65 g	11/20
33, 34	B 65 g	11/16
35 – 37	B 65 g	13/00
38 – 41	B 65 g	11/00
42	B 65 g	13/00
43	B 65 g	11/20

U.S. Class 194

Check controlled

(IPC G 07 f)

1	G 07 f	1/00
		3/00
		5/00
		9/00
		17/00
2	G 07 f	11/00
3	G 07 f	13/00
		15/00
4	G 07 f	1/06
5	G 07 f	13/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 194—Con.		
		15/00
6	G 07 f	5/10
7	G 07 f	11/00
8	G 07 f	9/02
		15/10
9	G 07 f	5/10
10	G 07 f	11/00
11	G 07 f	13/00
		15/00
12	G 03 b	
	G 07 f	17/16
13	G 07 f	13/00
		15/00
14	G 07 f	5/00
15	G 11 b	19/08
16	G 07 f	9/02
		15/10
17	G 07 f	5/02
18, 19	G 07 f	5/00
20	G 07 f	13/00
		15/00
		17/04
21	G 07 f	17/04
22	G 07 f	11/00
23	G 07 f	1/00
		11/24
24, 25	G 07 f	11/00
		11/58
26	G 07 f	11/00
		11/24
27	G 07 f	11/00
28	G 03 b	
	G 07 f	17/16
29	G 07 f	13/00
		15/00
30	G 07 f	17/32
31	G 11 b	19/08
32	G 07 f	5/00
33 – 36	G 07 f	17/04
37	G 07 f	11/00
38	G 07 f	11/00
		11/26
		11/58
39	G 07 f	11/00
		11/20
		11/22
40	G 07 f	17/10
41	G 07 f	17/32
42	G 03 b	
	G 07 f	17/16
43	G 07 f	13/00
		15/00
44	G 07 f	17/00
	H 04 m	17/00
45	G 07 f	5/00
46	G 07 f	15/00
47	G 07 f	17/04
48	G 07 f	11/00
49	G 07 f	17/00
50	G 07 f	17/32
51	G 07 f	5/26
		17/12
		17/14
52	G 03 b	
	G 07 f	17/16
53	G 07 f	13/00
		15/00
54, 55	G 07 f	5/00
56	G 07 f	13/00
		15/00
		17/04
57	G 07 f	11/00
58	G 07 f	11/00
		11/20
		11/22
59	G 07 f	17/12
		17/14
60	G 07 f	15/00
61	G 07 f	5/00
62	G 07 f	13/00
		15/00
		17/04
63	G 07 f	11/00
64	G 07 f	17/00
65	G 07 f	5/26
		17/14
66	G 07 f	5/00
		13/00
67	G 07 f	5/00
68	G 07 f	11/00
69, 70	G 07 f	5/00
71	G 07 f	11/00
72 – 74	G 07 f	5/00
75	G 07 f	11/00
76	G 07 f	17/32
77	G 07 f	13/00
		15/00
78	G 07 f	5/00
		11/00
79	G 07 f	
80	G 07 f	11/00
		11/20
		11/22
81	G 07 f	17/32
82	G 07 f	13/00
		15/00
83, 84	G 07 f	5/00
85	G 07 f	11/00
86	G 07 f	17/32
87	G 07 f	13/00
		15/00
88	G 07 f	11/00
89	G 07 f	17/32
90	G 07 f	13/00
		15/00
91	G 07 f	11/00
92	G 07 f	5/00
93	G 07 f	11/00
94	G 07 f	5/00
95	G 07 f	17/02
96	G 07 f	3/02
		9/02
97 – 103	G 07 f	3/02

U.S. Class 195

Chemistry fermentation

(IPC C 12 b)

U.S. Subclass	IPC Subclass	IPC Notation
1	C 12 b	1/00
1.1 – 1.5	C 12 k	7/00
1.7, 1.8	C 12 b	3/00
		9/00
	C 12 k	
2	C 12 b	1/00
3 – 11	C 12 b	
12	C 12 b	1/20
	C 12 d	
13 – 16	C 12 b	
	C 12 d	
17 – 26	C 12 b	
	C 12 d	9/00
		13/02
		13/04
27 – 28	C 12 b	1/00
29	C 12 b	1/00
	C 12 d	
30	C 12 b	1/00
	C 12 d	
31 – 32	C 12 b	1/00
	C 12 c	11/04
	C 12 d	
33	C 12 b	1/00
	C 12 d	13/02
		13/04
34, 35	C 12 c	1/00
	C 12 d	
36	C 12 b	1/00
	C 12 d	1/02
		13/06
37, 38	C 12 c	1/00
39	C 12 d	
40	C 12 b	1/00
		3/00
41	C 12 d	
42	C 12 c	1/00
	C 12 d	
43	C 12 d	3/08
		13/00
44	C 12 d	3/02
45	C 12 d	3/02
46	C 12 c	3/00
47, 48	C 12 d	1/02
		13/06
49	C 12 c	1/00
	C 12 d	
50	C 12 b	1/00
	C 12 d	
51	C 07 c	67/00
	C 12 b	1/00
52 – 56	A 23 l	1/28
	C 12 b	1/00
	C 12 k	1/00
57 – 60	C 12 c	11/00
	C 12 k	1/00
61 – 64	C 12 k	1/00
65	C 12 c	
	C 12 d	
	C 12 k	1/00
66 – 68	C 07 g	7/02
	C 12 d	
69 – 71	C 12 c	1/04
72 – 79	C 12 k	3/00
80, 81	C 12 b	1/00
	C 12 k	1/00
82	C 12 c	11/00
99 – 103	C 12 k	1/10
103.5	C 12 k	1/04
104, 105	C 12 b	1/00
106	C 12 b	1/00
		3/00
107	C 12 b	1/00
		1/18
	C 12 d	
	C 12 k	
108	C 12 b	1/00
109	C 12 b	1/14
	C 12 k	
110 – 119	C 12 b	1/00
	C 12 k	
120	C 12 b	1/02
121 – 126	C 12 b	1/20
		1/22
		1/24
127 – 141	C 12 b	
	C 12 k	1/10
142	C 12 b	1/14
143	C 12 b	1/00
		1/10
		1/22
	C 12 k	
144	C 12 b	1/00
		1/18
		1/22
	C 12 k	1/10
146	C 12 b	1/00
	C 12 k	1/10

U.S. Class 196

Mineral oils apparatus

(IPC C 10 g)

U.S. Subclass	IPC Subclass	IPC Notation
14.5	C 10 g	43/00
14.52	B 01 d	11/00
	C 10 c	1/18
		3/08
	C 10 g	21/00
46, 46.1	C 10 c	1/20
	C 10 g	17/00
		19/00
		21/00
		33/00
98 – 105	B 01 d	1/00
		3/00
	C 10 c	1/04
		3/06
	C 10 g	1/02
		7/00
		9/08
106	B 01 d	1/26
		3/02
	C 10 g	7/00
107 – 111	B 01 d	1/00
		3/04
	C 01 g	1/02

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 196—Con.		
		7/00
		9/18
112	B 01 d	1/00
		3/08
	C 10 g	7/00
114	B 01 d	3/10
	C 10 g	7/00
115	B 01 d	1/00
		3/00
	C 10 g	7/00
116 – 119	C 10 g	1/02
		7/00
120, 121	C 10 g	1/02
		7/00
122	C 10 g	7/00
		9/12
123 – 125	B 01 d	3/00
	C 10 g	7/00
126, 127	B 01 d	3/08
	C 10 g	7/00
128	B 01 d	3/28
	C 10 g	7/00
129 – 131	B 01 d	1/00
		3/00
	C 10 g	7/00
132	B 01 d	3/42
	C 10 g	7/00
133, 134	B 01 d	1/00
		3/00
	C 10 g	7/00
135	B 01 d	1/00
		3/00
	C 10 g	7/00
136, 137	B 01 d	1/00
		3/00
	C 10 g	7/00
138 – 140	B 01 d	3/00
		5/00
	C 10 g	7/00
141	B 01 d	3/42
		5/00
	C 10 g	7/00
155	B 01 d	
	C 10 g	

U.S. Class 197

Typewriting

(IPC B 41 j)

1	B 41 j	
1.5, 1.6	B 41 j	3/50
2, 3	B 41 j	3/38
4	B 41 j	7/66
5	B 41 j	3/42
6	B 41 j	3/38
6.1	B 41 j	3/32
6.2	B 41 j	1/00
6.3	B 41 j	1/06
6.4, 6.5	B 41 j	1/22
6.6, 6.7	B 41 j	1/30
7	B 41 j	3/02
8	B 41 j	3/34
9	B 41 j	3/26
10	B 41 j	19/16
11	B 41 j	3/10
12	B 41 j	23/32
13	B 41 j	23/36
14	B 41 j	23/38
15	B 41 j	23/20
16	B 41 j	23/02
17	B 41 j	23/08
18	B 41 j	23/04
19	B 41 j	5/30
20	B 41 j	5/36
21	B 41 j	7/00
22, 23	B 41 j	9/00
24	B 41 j	27/10
25	B 41 j	9/04
26	B 41 j	9/00
27	B 41 j	7/02
		25/00
28	B 41 j	7/18
29	B 41 j	9/14
30	B 41 j	7/20
31	B 41 j	7/30
32	B 41 j	7/14
33	B 41 j	7/26
34	B 41 j	9/26
35 – 39	B 41 j	1/04
40	B 41 j	25/26
41	B 41 j	7/22
42	B 41 j	7/30
43	B 41 j	25/22
44 – 47	B 41 j	1/24
48 – 51	B 41 j	1/32
52	B 41 j	1/60
53 – 55	B 41 j	1/32
56	B 41 j	1/08
57	B 41 j	1/16
58	B 41 j	1/12
59	B 41 j	1/20
60	B 41 j	19/00
61	B 41 j	11/14
62	B 41 j	19/18
63	B 41 j	21/02
64	B 41 j	19/02
65	B 41 j	19/68
66	B 41 j	19/70
67	B 41 j	19/68
68	B 41 j	19/72
69	B 41 j	19/00
70	B 41 j	21/04
71	B 41 j	25/24
72	B 41 j	11/16
73	B 41 j	11/14
74	B 41 j	7/50
75	B 41 j	7/52
76, 77	B 41 j	7/50
78	B 41 j	25/08
79	B 41 j	29/66
80	B 41 j	29/64
81	B 41 j	19/16
82	B 41 j	19/00
83	B 41 j	19/04
84	B 41 j	19/58
85	B 41 j	19/42
86	B 41 j	19/40
87	B 41 j	19/46
88	B 41 j	19/48
89	B 41 j	19/20
90	B 41 j	19/20
		19/34
		19/60
		19/70
		19/98
91	B 41 j	19/62
92 – 96	B 41 j	19/66
97	B 41 j	19/54
98	B 41 j	5/08
99	B 41 j	7/54
100	B 41 j	5/10
101	B 41 j	29/00
102	B 41 j	5/16
103, 104	B 41 j	5/12
105	B 41 j	29/04
106	B 41 j	5/14
107	B 41 j	5/22
		29/64
108, 109	B 41 j	29/54
110	B 41 j	5/20
111	B 41 j	29/54
112	B 41 j	19/54
113	B 41 j	29/26
114	B 41 j	19/76
115	B 41 j	25/16
116, 117	B 41 j	21/00
118	B 41 j	21/10
119	B 41 j	21/18
120	B 41 j	19/90
121	B 41 j	19/96
122	B 41 j	19/98
123	B 41 j	11/06
		19/80
124	B 41 j	11/20
		19/88
125	B 41 j	19/00
126	B 41 j	11/58
127	B 41 j	13/00
128	B 41 j	11/48
129	B 41 j	15/18
130	B 41 j	13/10
131	B 41 j	17/02
132	B 41 j	15/22
133	B 41 j	15/00
134	B 41 j	15/20
135, 136	B 41 j	13/12
137	B 41 j	13/08
138	B 41 j	13/02
139	B 41 j	13/18
140	B 41 j	13/28
141	B 41 j	29/68
142	B 41 j	13/30
143	B 41 j	11/60
144	B 41 j	11/02
145	B 41 j	11/00
146	B 41 j	11/20
147	B 41 j	11/12
148	B 41 j	11/06
149	B 41 j	11/20
150	B 41 j	27/00
151	B 41 j	33/14
152	B 41 j	33/04
153	B 41 j	35/34
154	B 41 j	33/02
155	B 41 j	35/12
156	B 41 j	35/22
157	B 41 j	33/56
158	B 41 j	33/58
159	B 41 j	35/10
160	B 41 j	33/40
161	B 41 j	33/44
162	B 41 j	33/46
163	B 41 j	33/54
164	B 41 j	33/22
165	B 41 j	33/44
166	B 41 j	35/14
167	B 41 j	35/18
168	B 41 j	33/10
169	B 41 j	33/42
170	B 41 j	35/04
171	B 41 j	31/14
172	B 41 j	31/02
173, 174	B 41 j	35/36
175	B 41 j	35/00
176	B 41 j	25/18
177	B 41 j	21/00
178	B 41 j	21/14
179	B 41 j	21/04
180	B 41 j	29/00
181	B 41 j	29/16
181.1	B 41 j	11/36
181.2	B 41 j	11/44
182	B 41 j	29/18
183	B 41 j	19/04
		29/10
184, 185	B 41 j	29/00
186	B 41 j	29/02
187, 188	B 41 j	29/42
189	B 41 j	29/44
190	B 41 j	29/42
191	B 41 j	29/50
192	B 41 j	29/46
193	B 41 j	29/56
194	B 41 j	29/42

U.S. Class 198

Conveyers, power drive

(IPC B 65 g)

1	B 65 g	
2 – 6	B 65 g	67/04
7	B 65 b	65/02
8 – 13	B 65 g	65/06
14	B 65 g	65/08
15	B 61 c	1/08
	B 65 g	67/18
16 – 18	B 66 b	9/12
19	B 23 q	5/22
		7/00
	B 65 g	
20	B 65 g	47/00
21	B 65 g	47/00
		47/42

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 198—Con.		
22–28	B 65 g	47/00
29	B 65 g	47/22
30–32	B 65 g	47/26
33	B 65 g	47/24
34	B 65 g	47/26
35	B 65 g	57/00
		59/00
36	B 65 g	65/28
37	B 65 g	43/08
38	B 65 g	43/00
39	B 65 g	69/00
	G 01 g	13/00
40	B 65 g	43/00
41	B 65 g	17/46
		47/00
42	B 65 g	47/46
43	B 65 g	47/00
44–51	B 65 g	47/00
		47/18
		47/44
52–58	B 65 g	47/18
59, 60	B 65 g	47/04
		47/16
61	B 65 g	47/70
62	B 65 g	47/04
		47/16
63	B 65 g	47/18
64	B 65 g	47/16
65, 66	B 65 g	
67–70	B 65 g	47/44
71	B 65 g	47/34
72–74	B 65 g	47/44
75–107	B 65 g	37/00
108	B 65 g	35/00
		41/00
109	B 65 g	41/00
110	B 65 g	21/12
		23/00
111–115	B 65 g	21/12
116	B 65 g	15/00
117–126	B 65 g	21/00
		41/00
127	B 65 g	13/02
128	B 65 g	31/00
129	B 65 g	15/00
		17/00
		19/00
130	B 61 b	11/00
	B 65 g	17/00
131–139	B 65 g	15/00
		17/00
		19/00
140–152	B 65 g	17/12
		17/16
153	B 65 g	17/04
154–161	B 65 g	15/00
		17/00
		19/00
162–165	B 65 g	15/14
166, 167	B 65 g	15/00
		17/00
		19/00
168–176	B 65 g	19/00
177	B 65 g	17/20
178–183	B 65 g	15/00
		17/00
		19/00
184–188	B 65 g	15/00
189	B 65 g	17/00
190	B 65 g	15/12
191, 192	B 65 g	15/08
193–197	B 65 g	15/30
198–200	B 65 g	15/42
201	B 65 g	15/40
202	B 65 g	15/62
203	B 65 g	23/00
204, 205	B 65 g	15/60
206, 207	B 65 g	21/00
208	B 65 g	15/30
209–212	B 65 g	29/00
213–217	B 65 g	33/00
218, 219	B 65 g	25/04
220	B 65 g	27/00
221–226	B 65 g	25/08
227	B 65 g	47/00
228	B 65 g	47/34
229–231	B 65 g	45/00
232	B 65 g	43/00
233	B 65 g	41/00

U.S. Class 199

Type casting

(IPC B 41 b)

1	B 41 b	7/00
2	B 41 b	7/16
3, 4	B 41 b	7/18
5–7	B 41 b	9/02
8	B 41 b	7/02
9, 10	B 41 b	7/12
11–13	B 41 b	7/06
14–17	B 41 b	9/00
18	B 41 b	9/06
19–21	B 41 b	11/12
22	B 41 b	11/16
23	B 41 b	11/14
24–32	B 41 b	9/04
33	B 41 b	11/90
34	B 41 b	11/70
35	B 41 b	11/92
36–43	B 41 b	11/90
44–46	B 41 b	11/08
47	B 41 b	11/52
48	B 41 b	11/64
49	B 41 b	11/38
50	B 41 b	11/50
51	B 41 b	11/44
52–54	B 41 b	11/52
55–58	B 41 b	11/54
59, 60	B 41 b	11/72
61	B 41 b	9/16
62	B 41 b	11/48
63–66	B 41 b	11/02
67, 68	B 41 b	11/04
69	B 41 b	5/06
70	B 41 b	3/02
71, 72	B 41 b	11/36
73–74	B 41 b	9/04
75–79	B 41 b	9/06
80	B 41 b	5/04
81–89	B 41 b	9/10
90	B 41 b	11/52
91–94	B 41 b	9/10
95	B 41 b	9/16
96	B 41 b	5/02

U.S. Class 200

Electricity, circuit makers and breakers

(IPC H 01 h)

1	H 01 h	9/00
2	H 01 h	9/54
3	H 01 h	61/00
4	H 01 h	9/00
5	H 01 h	9/26
6–7	H 01 h	19/00
		21/00
8, 9	H 01 h	19/56
		21/76
10	H 01 h	9/30
11	H 01 h	19/58
		21/78
12–13	H 01 h	83/00
14	H 01 h	19/58
		21/78
15	H 01 h	21/54
16	H 01 h	15/00
17–18	H 01 h	3/00
19, 20	H 01 h	19/00
21	H 01 h	19/00
		39/00
22–23	H 01 h	19/00
24–26	H 01 h	39/00
27	H 01 h	19/62
28–29	H 01 h	19/00
30–31	H 01 h	19/62
32	H 01 h	29/00
33	H 01 h	43/00
34	H 01 h	7/03
		43/00
35	H 01 h	7/08
		43/00
36–41	H 01 h	7/08
		43/10
42	H 01 h	27/00
43	H 01 h	27/10
44	H 01 h	9/28
		27/00
45	H 01 h	9/28
		27/10
46	H 01 h	43/08
47	H 01 h	3/16
		3/18
		15/14
		17/12
		19/18
		21/28
48	H 01 h	31/00
49	H 01 h	30/00
50	H 01 h	9/20
		33/46
51–51.01	H 01 r	13/70
51.02–51.08	H 01 r	19/50
		19/52
51.09	H 01 r	33/30
		33/54
51.1	H 01 r	33/30
		33/54
51.11	H 01 r	19/50
51.12	H 01 r	33/30
		33/54
51.13	H 01 r	33/28
51.14–51.17	H 01 r	33/28
52	H 01 h	35/00
56	G 01 d	13/26
60	F 21 v	23/04
61	H 01 h	35/00
61.01	H 01 h	35/24
61.02	H 01 j	39/24
61.03	H 01 h	35/24
61.04–61.05	H 01 h	29/00
61.06–61.07	H 01 h	35/42
61.09	H 01 h	3/16
61.1	H 01 h	3/16
61.11–61.12	H 01 h	3/16
61.13–61.18	B 65 h	25/14
61.19	H 01 h	27/04
61.2	H 01 h	35/00
61.21–61.24	H 01 h	35/00
61.25–61.26	H 01 h	35/24
61.27–61.28	H 01 h	3/16
61.29	H 01 h	3/14
61.3	H 01 h	3/16
61.31–61.44	H 01 h	3/16
61.45	H 01 h	35/02
61.46	H 01 h	29/02
		29/26
61.47–61.49	H 01 h	35/02
		35/14
61.5	H 01 h	35/02
		35/14
61.51–61.52	H 01 h	35/02
		35/14
61.53	H 01 h	35/14
61.54–61.57	H 01 h	9/00
61.58–61.59	H 01 h	3/16
61.6	H 01 h	3/16
61.61–61.63	H 01 h	3/16
61.64–61.68	H 01 h	27/06
61.69	H 01 h	3/16
61.7	H 01 h	3/16
61.71–61.76	H 01 h	3/16
61.77	H 01 h	17/12
61.78–61.82	H 01 h	3/16
61.83	H 01 h	35/02
61.84	H 01 h	3/16
61.85–61.88	H 01 h	9/06
61.89, 61.9	H 01 h	3/14
61.91	H 01 h	3/16
61.93	H 01 h	3/02
62	H 01 h	5/00
63	H 01 h	19/32
64	H 01 h	13/22

U.S. Class 200—Con.

U.S. Subclass	IPC Subclass	IPC Notation
		13/26
65–66	H 01 h	19/32
67–68	H 01 h	21/04
69	H 01 h	21/40
70	H 01 h	21/40
71–72	H 01 h	13/22
		13/26
73–75	H 01 h	21/40
76–78	H 01 h	15/18
79	H 01 h	3/16
80	H 01 h	35/10
81	H 01 h	35/24
81.4	H 01 h	35/24
81.5	H 01 h	35/26
81.6	H 01 h	29/28
81.8	H 01 h	35/36
81.9	H 01 h	35/40
82	H 01 h	35/38
83	H 01 h	35/40
84	H 01 h	35/18
85–86	H 01 h	3/02
86.5	H 01 h	3/14
144	H 01 h	9/30
		33/00
145	H 01 h	9/40
		33/14
146	H 01 h	9/38
		33/12
147	H 01 h	9/44
		33/18
148	H 01 h	33/82
149	H 01 h	33/60
150	H 01 h	33/68
151	H 01 h	9/32
		33/06
152	H 01 h	29/00
153	H 01 h	3/00
154	H 01 h	3/32
155	H 01 h	19/28
156	H 01 h	17/08
		19/14
157	H 01 h	9/06
		13/08
		21/10
158	H 01 b	3/40
159	H 01 h	3/12
		3/14
		13/64
160	H 01 h	13/56
161	H 01 h	17/08
162	H 01 h	1/38
		1/42
		21/54
163	H 01 h	1/38
		1/42
		15/10
164	H 01 h	1/36
165	H 01 h	1/14
166	H 01 h	3/00
		9/00
167	H 01 h	9/16
		9/18
168	H 01 h	9/02
169	H 01 h	3/20
		9/20
170	H 01 h	1/50
171	H 01 b	1/06
172	H 01 h	3/02
175	H 01 h	63/00
176	H 01 h	67/14
177	H 01 h	67/14
178	H 01 h	67/02
179	H 01 h	67/26
180	H 01 h	63/26
181	H 01 h	57/00

U.S. Class 201

Distillation process, thermolytic

(IPC C 10 b)

U.S. Subclass	IPC Subclass	IPC Notation
1	C 10 b	47/00
		47/02
		47/04
		47/06
		47/08
		47/10
		47/12
		47/14
		47/16
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		49/02
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		49/12
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		49/16
		49/18
		49/20
		49/22
		51/00
		53/00
		53/02
		53/04
		53/06
		53/08
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		57/00
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		57/04
		57/06
		57/08
		57/10
		57/12
		57/14
		57/16
		57/18
	G 01	
2	C 10 b	43/00
		47/00
		47/02
		47/04
		47/06
		47/08
		47/10
		47/12
		47/14
		47/16
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		55/10
		57/00
		57/02
		57/04
		57/06
		57/08
		57/10
3	C 10 b	33/00
		47/00
		47/02
		47/04
		47/06
		47/08
		47/10
		47/12
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		57/10

U.S. Class 201—Con.

U.S. Subclass	IPC Subclass	IPC Notation
		57/12
		57/14
		57/16
		57/18
4	B 01 d	45/00
	C 10 b	27/00
		33/00
		47/00
		47/02
		47/04
		47/06
		47/08
		47/10
		47/12
		47/14
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		57/10
		57/12
		57/14
		57/16
		57/18
5	C 10 b	45/02
		53/00
	C 10 l	5/02
6	C 10 b	45/02
		53/00
	C 10 l	5/02
7, 8	C 10 b	53/08
9	C 10 b	57/08
	C 10 l	9/00
10	C 10 b	17/00
		49/00
		51/00
11	C 10 b	47/14
		47/26
		49/14
12	C 10 b	47/00
		49/16
		55/02
13–16	C 10 b	47/00
		51/00
17	C 10 b	57/00
18	C 10 b	29/00
19	C 10 b	19/00
		47/00
		47/02
		47/04
		47/06
		47/08
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		57/12
		57/14
		57/16
		57/18
20	C 10 b	57/04
		57/12
21–23	C 10 b	53/00
		55/00
		57/04
24	C 10 b	53/00
		57/04
25	C 10 b	51/00
		57/04
	C 10 f	5/06
26	C 10 b	57/02
27	C 10 b	47/00
		47/02
		47/04
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		57/10
28, 29	C 10 b	21/18
		47/28
		47/30
		47/32
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U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 201 — Con.		
		57/12
		57/14
		57/16
		57/18
30	B 01 d	5/00
	C 10 b	47/00
		47/02
		47/04
		47/06
		47/08
		47/10
		47/12
		47/14
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		57/12
		57/14
		57/16
		57/18
31	C 10 b	47/24
		49/10
		49/22
		55/10
32, 33	C 10 b	47/20
		49/06
		49/18
		55/06
34	C 10 b	47/18
		49/04
		55/04
35	C 10 b	47/00
		47/02
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36 – 38	C 10 b	57/12
39	C 10 b	39/00
		47/00
		47/02
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		57/12
		57/14
		57/16
		57/18
40	C 10 b	31/00
		37/00
		47/00
		47/02
		47/04
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		47/08
		47/10
		47/12
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		57/14
		57/16
		57/18
41	C 10 b	

U.S. Subclass	IPC Subclass	IPC Notation

U.S. Class 202

Distillation apparatus

(IPC C 10 b)

U.S. Subclass	IPC Subclass	IPC Notation
81, 82	B 01 d	3/00
	C 10 b	
83	B 01 d	3/00
	C 02 b	1/08
	C 10 b	
84	C 10 b	1/00
85 – 87	C 10 b	1/00
		3/00
		5/00
		21/00
88 – 96	C 10 b	9/00
		51/00
97, 98	C 10 b	7/14
99	C 10 b	21/20
		49/00
100	C 10 b	21/00
		49/00
101	C 10 b	9/00
		47/08
102	C 10 b	3/00
		5/00
		15/02
		47/00
103, 104	C 10 b	7/00
		15/02
		47/00
105 – 107	C 10 b	1/00
		47/00
108	C 10 b	1/00
		49/00
		51/00
109	C 10 b	1/00
		27/00
110	C 10 b	1/00
		13/00
111	C 10 b	1/00
		5/14
		5/20
112	C 10 b	1/00
		57/18
113 – 116	C 10 b	1/00
117	C 10 b	1/00
		7/00
		31/00
118	C 10 b	1/00
		7/10
119	C 10 b	1/00
		7/00
120, 121	C 10 b	1/04
		49/00
122	C 10 b	1/04
		5/20
123	C 10 b	1/04
		5/12
124 – 127	C 10 b	1/04
		21/20
128, 129	C 10 b	1/08
		49/00
130	C 10 b	1/08
		5/12
		5/20
131	C 10 b	1/10
132	C 10 b	1/08
133 – 135	C 10 b	1/06
		49/00
136	C 10 b	1/06
		1/10
137	C 10 b	1/06
		21/20
138	C 10 b	1/06
		5/00
139	C 10 b	1/06
		5/02
140	C 10 b	1/06
		5/20
141 – 144	C 10 b	1/06
		5/12
		21/00
145	C 10 b	1/06
		5/06
146	C 10 b	1/06
		5/12
147	C 10 b	1/06
148	C 10 b	1/06
		5/20
149	C 10 b	1/06
		49/00
150	C 10 b	1/06
		17/00
151	C 10 b	1/06
		21/10
152	B 01 d	3/00
	C 02 b	1/04
153 – 155	B 01 d	3/02
		3/14
156	B 01 d	3/02
158, 159	B 01 d	3/14
160	B 01 d	3/42
161, 162	B 01 d	3/14
163 – 166	B 01 d	3/00
167	B 01 d	3/00
	C 02 b	1/04
168 – 170	B 01 d	3/00
		11/00
172 – 174	B 01 d	3/02
175 – 180	B 01 d	3/00
181	B 01 d	3/42
182 – 184	B 01 d	3/14
	B 01 j	1/00
185 – 196	B 01 d	3/00
	F 28 b	
197	B 01 d	3/00
198, 199	B 01 d	3/14
200 – 204	B 01 d	3/00
	B 01 j	1/00
205	B 01 d	3/10
206	B 01 d	3/42
207	C 10 b	1/00
		9/00
		47/00
208	C 10 b	21/00
209	C 10 b	21/00
		47/00
210	C 10 b	21/00
		53/02
211, 212	C 10 b	9/00
213	C 10 b	
214	C 10 b	33/00
215	C 10 b	21/00
		23/00
		49/00
216	C 10 b	1/00
		49/00
217	C 10 b	1/00
218	C 10 b	1/00
		1/10
219, 220	C 10 b	1/00
221	C 10 b	1/04
222 – 225	C 10 b	1/00
226	C 10 b	1/00
		39/00
		45/00
227	C 10 b	39/00
228	C 10 b	39/02
		39/04
229	C 10 b	39/04
230	C 10 b	39/12
232 – 235	B 01 d	3/00
236	B 01 d	3/08
		3/28
237	B 01 d	3/04
238	B 01 d	3/08
239	B 01 d	3/00
		3/32
	C 10 b	
241	C 10 b	43/00
242	C 10 b	1/00
		25/00
243	C 10 b	25/00
		25/18
244 – 246	C 10 b	25/00
		25/20
247, 248	C 10 b	1/06
		25/06
		25/24
249	C 10 b	1/10
		25/00
250	C 10 b	25/22
251	C 10 b	31/00
252	C 10 b	25/00
253	C 10 b	39/00
		39/06
254, 255	C 10 b	27/00
256	C 10 b	27/06
257	C 10 b	27/00
258	C 10 b	27/06
259, 260	C 10 b	27/00
261	C 10 b	33/00
262	C 10 b	35/00
263	C 10 b	27/04
264	B 01 b	1/02
	C 10 b	
265	B 01 d	3/00
	C 10 b	7/04
266	C 10 b	7/14
267	C 10 b	29/00
268	C 10 b	29/04
269, 270	C 10 b	29/00
		45/00

U.S. Class 203

Distillation processes, separatory

(IPC B 01 d)

U.S. Subclass	IPC Subclass	IPC Notation
1 – 3	B 01 d	3/42
4	B 01 d	3/00
5	B 01 d	3/00
		59/04
6, 7	B 01 d	3/34
	C 23 f	11/00
		14/00
8	B 01 d	3/00
	C 07	
9	B 01 d	3/00
	C 07 c	7/18
10, 11	B 01 d	3/00
		3/10
	C 02 b	1/04
12	B 01 d	3/00
13	C 01 b	21/44
14	C 07 b	5/00
	C 07 c	
15	C 07 c	51/44
16	C 07 c	51/44
		53/08
17	C 07 c	45/24
18	C 07 c	29/26
	C 12 f	1/04
19	C 07 c	29/26
		31/08
20	B 01 b	1/02
	B 01 d	19/02
21 – 27	B 01 d	3/00
28 – 38	B 01 d	3/34
39	B 01 d	
40	B 01 d	3/00
		45/00
		47/00
41	B 01 d	15/00
42	B 01 d	3/34
		5/00
		47/00
43, 44	B 01 d	11/00
45, 46	B 01 d	3/00
47	B 01 d	21/00
		23/00
		43/00
48	B 01 d	9/00
49 – 70	B 01 d	3/34
71, 72	B 01 d	3/00
73 – 75	B 01 d	3/00
		3/10
76	B 01 d	3/00
		3/10
		3/38
77, 78	B 01 d	3/00
		3/10
79	B 01 d	3/00
		3/10
		3/38
80 – 82	B 01 d	3/00
		3/10

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 203—Con.		
83	B 01 d	3/38
84	B 01 d	3/00
85	B 01 d	3/38
86	B 01 d	3/00
87	B 01 d	3/14
88	B 01 d	3/06
89	B 01 d	3/00
90	B 01 d	3/08
91	B 01 d	3/00
		3/10
92	B 01 d	3/10
		3/38
93, 94	B 01 d	3/00
		3/10
95, 96	B 01 d	3/34
		3/38
97, 98	B 01 d	3/00
99, 100	B 01 d	3/00
U.S. Class 204		
Chemistry, electrical and wave energy		
(IPC B 01 k)		
1	B 01 d	59/40
	B 01 k	
	C 23 b	
1.5	B 01 k	
	C 01 f	13/00
		15/00
	C 01 g	43/00
		57/00
2	B 21 h	1/20
	B 41 c	3/08
	B 41 m	5/20
	G 03 g	1/32
3	C 23 b	7/00
		7/08
4	C 23 b	7/00
5	B 29 d	17/00
	C 23 b	7/00
	G 11 b	3/70
6	B 51 c	3/08
	C 23 b	7/00
7	C 23 b	7/06
8	B 44 c	1/04
	C 23 b	7/00
9	C 03 b	7/02
10	C 22 d	5/00
	C 23 b	7/00
11	C 23 b	7/00
12, 13	C 23 b	7/02
		7/04
14	C 23 b	5/00
15	C 23 b	5/48
16	C 23 b	7/00
17	B 41 c	3/08
	B 41 n	1/04
18	B 44 c	1/04
19	C 23 b	5/48
20 – 22	C 23 b	5/60
23	C 23 b	5/00
		9/00
		10/00
24	C 23 b	5/48
25, 26	C 23 b	5/56
27, 28	C 23 b	5/58
29	C 23 b	5/50
30, 31	C 23 b	5/60
32 – 34	C 23 b	1/00
		3/00
		5/50
35	C 23 b	5/50
36	C 23 b	3/06
		5/50
37	C 23 b	5/52
38	C 23 f	17/00
39	C 23 b	5/00
40	C 23 b	5/46
		5/50
41	C 23 b	5/06
		5/46
		5/50
42	C 23 b	5/46
		5/50
		9/00
43	C 23 b	5/32
		5/34
		5/36
		5/38
		5/40
		5/42
		5/44
		5/46
		5/48
44	C 23 b	5/34
		5/46
45	C 23 b	5/00
		5/46
46 – 47	C 23 b	5/24
		5/46
48	C 23 b	5/04
		5/08
		5/46
49	C 23 b	5/08
		5/46
50	C 23 b	5/10
		5/46
51	C 23 b	5/06
		5/46
52	C 23 b	5/18
		5/46
53	C 23 b	5/16
		5/46
54	C 23 b	5/14
		5/46
55	C 23 b	5/10
		5/46
56, 57	C 23 b	9/00
		11/00
58	C 23 b	9/02
		11/02
59	B 01 k	1/00
60	B 01 k	1/00
	C 22 d	
61	B 01 k	1/00
62	B 01 k	1/00
	C 07	
63	B 01 k	1/00
	C 01 f	
	C 10 d	
64	C 22 d	3/00
65	C 22 d	3/10
66	C 22 d	3/14
		3/16
67	C 22 d	3/12
68, 69	C 22 d	3/06
70	C 22 d	3/08
71	C 22 d	3/20
72	B 01 k	1/00
	C 07	
73 – 77	B 01 k	1/00
	C 07	
78 – 80	B 01 k	1/00
	C 07	
	C 07 b	3/00
81	B 01 k	1/00
	C 07	
	C 07 b	9/00
82	B 01 k	1/00
	C 01 b	15/02
83	B 01 k	1/00
	C 01 b	15/00
84	B 01 k	1/00
	C 01 b	15/02
85	C 01 b	15/12
86	B 01 k	1/00
	C 01 b	
87	B 01 k	1/00
	C 01 b	31/24
	C 01 d	7/20
88	B 01 k	1/00
	C 01 g	21/04
89	B 01 k	1/00
	C 01 g	37/00
90	B 01 k	1/00
	C 01 b	25/16
91	B 01 k	1/00
	C 01 b	21/48
92	B 01 k	1/00
	C 01 b	17/00
93	C 01 b	17/96
94, 95	B 01 k	1/00
	C 01 b	11/26
96	B 01 k	1/00
	C 01 b	13/14
97	B 01 k	1/00
	C 01 b	13/14
	C 01 g	37/02
		37/12
98	C 01 d	1/06
		1/08
		1/10
		1/12
		1/14
		1/16
		1/18
99	C 01 d	1/08
		1/10
		1/12
		1/14
		1/16
		1/18
100	C 01 f	11/14
101	B 01 k	1/00
102	C 01 c	1/04
103	B 01 k	1/00
104	B 01 k	1/00
	C 01 b	17/74
105	C 22 d	1/00
106 – 108	C 22 d	1/16
109 – 111	C 22 d	1/12
112, 113	C 22 d	1/14
		1/24
114 – 119	C 22 d	1/22
		1/24
120 – 122	C 22 d	1/18
		1/20
123 – 127	C 22 d	1/26
128	B 01 k	1/00
	C 01 b	
129	C 01 b	13/04
130	B 01 k	1/00
	C 01 d	7/34
131	B 01 k	1/00
	C 14 c	3/34
132	B 01 k	1/00
	G 06 m	
	G 21 c	5/00
133	B 01 k	1/00
	G 21 c	9/00
134	B 01 k	1/00
135	B 01 k	1/00
	G 06 m	
136	C 01 g	15/00
137	B 01 k	1/00
138	C 13 d	3/18
139	B 01 k	1/06
	C 12 h	
140	C 23 b	1/00
140.5	C 23 b	3/06
141	C 23 b	1/00
		3/02
142	B 23 p	1/10
	C 23 b	3/04
143	B 23 p	1/00
144	C 23 b	1/02
145	C 23 b	1/04
		1/06
146	B 01 k	1/00
		3/00
	C 22 b	1/20
147, 148	C 23 f	13/00
149 – 152	B 01 d	
	B 01 k	
	C 02 b	1/82
153	C 01 d	1/40
155, 156	B 01 k	1/00
157.1	B 01 j	1/00
		1/12
158, 159	B 01 j	1/10
		1/12
	C 07 g	13/00
159.11 – 159.12	B 01 j	1/10
		1/12
	C 08	

U.S. Class 204—Con.

U.S. Subclass	IPC Subclass	IPC Notation
159.13	B 01 j	1/10
		1/12
	C 08 f	35/02
159.14 – 159.2	B 01 j	
	C 01 j	1/10
		1/12
	C 08 d	
	C 08 f	
159.21 – 159.24	C 08 d	1/00
	C 08 f	1/16
160.1	B 01 j	1/10
		1/12
	C 08 b	
161	B 01 j	1/10
		1/12
	C 11 b	
162	B 01 j	1/10
	C 07 c	3/24
163	B 01 j	1/10
	C 07 c	17/00
		26/00
164 – 165	B 01 k	1/00
166	B 01 k	1/00
	C 07 g	13/00
167	B 01 k	1/00
	C 11 b	
168 – 171	B 01 k	1/00
	C 07 c	3/24
172	B 01 k	1/00
	C 10 g	
173	B 01 k	1/00
	C 01 b	3/00
174	B 01 k	1/00
175	B 01 k	1/00
	C 01 b	15/02
176	B 01 k	1/00
	C 01 b	13/10
177	B 01 k	1/00
178 – 179	B 01 k	1/00
	C 01 b	21/30
180	B 01 d	13/02
		59/42
	B 01 k	5/00
181 – 183	B 01 k	5/00
	C 23 b	13/00
184, 185	B 01 k	5/00
186	B 03 c	5/00
	C 02 b	1/78
		1/82
188 – 191	B 03 c	5/00
	C 10 g	35/16
192	C 23 c	15/00
193	B 01 k	
194	B 01 k	3/00
	C 22 d	
	C 23 b	
195	B 01 k	3/00
196 – 197	C 23 f	13/00
198	B 65 g	49/00
199 – 205	B 01 k	3/00
	B 65 g	49/00
	C 22 d	1/02
	C 23 b	5/68
206 – 211	B 01 k	3/00
	C 23 b	5/68
212	C 23 b	5/68
213, 214	C 23 b	5/78
215 – 217	B 23 p	1/00
218	C 23 b	5/78
219 – 221	C 22 d	1/04
222, 223	B 01 k	3/00
	C 23 b	5/78
224	B 23 p	1/02
	C 23 b	5/76
225, 226	B 01 k	3/00
	B 23 p	1/12
	C 23 b	5/72
227 – 230	B 01 k	3/00
231	B 01 k	3/02
232 – 241	B 01 k	3/00
242	B 01 k	3/00
	C 22 d	
	C 23 b	
243 – 247	C 22 d	3/02
248	B 01 k	
	C 22 d	
	C 23 b	
249	B 01 k	3/03
	C 23 b	5/72
250 – 251	C 22 d	1/04
252 – 266	B 01 k	3/10
	C 22 d	1/02
	C 23 b	5/68
267 – 278	B 01 k	3/00
	C 22 d	1/02
	C 23 b	5/68
279	B 01 k	3/00
280	B 01 k	3/02
	C 23 b	5/72
281 – 282	B 01 k	1/00
	C 23 b	7/00
283	B 01 k	3/04
		3/10
	C 23 b	5/74
284, 285	B 01 k	3/04
	C 23 b	5/74
		5/90
286 – 288	B 01 k	3/04
	C 23 b	5/68
289, 290	B 01 k	3/04
291 – 293	B 01 k	3/06
294	B 01 k	3/08
295, 296	B 01 k	3/10
297	C 23 b	5/70
298	C 23 c	15/00
299 – 301	B 01 d	13/02
	B 01 k	5/00
	C 23 b	13/00
302 – 308	B 01 d	13/02
	B 01 k	1/00
	B 03 c	5/02
	C 10 g	33/02
309	B 01 k	1/00
	C 10 g	33/02
310 – 312	B 01 k	1/00
313 – 322	C 01 b	13/12
323 – 328	C 22 d	7/08

U.S. Class 206

Special receptacles and packages

(IPC B 65 d)

U.S. Subclass	IPC Subclass	IPC Notation
.4	H 01 j	19/70
.5	A 23 f	1/08
	B 65 d	85/70
.6	F 17 c	1/00
		3/00
.7	F 17 c	11/00
.8 – .84	A 45 c	11/28
1	A 45 c	11/00
	B 43 k	31/00
1.5	A 45 c	13/10
		13/18
1.7 – 1.9	B 44 d	3/00
		3/04
2	B 65 d	5/40
		81/24
3	F 42 b	37/00
		39/00
4	A 45 c	11/20
5, 6	A 45 c	11/04
7	B 65 d	85/18
8, 9	A 45 c	11/02
	B 65 d	85/18
10	B 65 d	81/28
11	B 65 d	85/18
12	A 45 c	11/00
		11/26
	A 47 b	67/02
13, 14	A 45 c	11/00
	B 65 d	85/54
15	B 65 d	81/02
15.1 – 15.3	A 45 d	44/18
16	A 45 c	11/26
	B 65 d	85/54
16.5, 16.6	B 65 d	81/22
		85/20
		85/30
17, 17.1 – 17.5	A 45 c	11/26
	B 65 d	85/54
18	B 65 d	85/40
19	A 45 c	11/00
19.5	B 60 n	3/08
		3/10
		3/12
20 – 36	A 24 f	27/00
37	A 45 c	11/00
38	A 45 c	15/00
39, 40.5	A 45 c	11/18
41 – 41.5	A 24 f	15/00
	B 65 d	85/10
		85/12
42	B 65 d	83/04
43	A 45 c	11/00
	B 65 d	85/54
44	B 65 d	5/50
		5/52
44.11	B 65 d	23/12
44.12	B 65 d	75/58
45	B 65 d	5/50
45.11, 45.12	B 65 d	1/22
		79/00
		81/36
45.13	B 65 d	79/00
45.14 – 45.19	B 65 d	5/50
45.2 – 45.27	B 65 d	5/52
		25/24
45.28 – 45.3	B 65 d	51/00
45.31, 45.32	B 65 d	25/00
45.33	B 65 d	65/16
45.34	B 65 d	25/00
46	B 65 d	85/00
47, 48	B 65 d	79/00
48.5	B 65 d	85/10
		85/12
49 – 55	B 65 d	85/04
		85/66
	B 65 h	55/00
		75/02
56	B 65 d	83/00
57 – 59	B 65 d	85/04
		85/66
	B 65 h	55/00
		75/02
60 – 62	B 65 d	85/46
		85/48
63	B 65 d	85/00
63.2	A 61 b	19/02
	A 61 l	15/00
63.3	A 61 l	17/02
63.4, 63.5	A 61 b	19/02
64	B 65 h	55/00
65	B 65 d	71/00
66	B 65 d	85/24
67	B 65 d	85/28
68	B 65 d	81/02
		85/30
69	B 65 d	85/08
		85/14
70	B 65 d	85/40
71	B 65 d	85/00
72 – 77	B 65 d	1/34
77.1	A 47 k	5/08
78 – 82	A 44 b	7/00
	B 65 d	73/00
83	A 61 c	19/10
83.5	B 65 d	71/00
84	B 65 d	81/00

U.S. Class 208

Mineral oils processes and products

(IPC C 10 g)

U.S. Subclass	IPC Subclass	IPC Notation
1	C 09 d	3/26
	C 09 f	9/00
2	C 07 c	37/00
3	C 07 c	27/10
4 – 6	C 10 g	3/00
		27/00
7	C 10 g	9/00
		11/00
		37/06
8	C 10 g	1/00

U.S. Class 208—Con.

U.S. Subclass	IPC Subclass	IPC Notation
9, 10	C 10 g	1/06
		1/08
11	C 10 g	1/00
12	C 10 g	
13	C 10 g	17/00
14	C 10 g	
	C 10 l	1/00
15 – 17	C 10 l	1/04
18, 19	C 10 g	41/00
20, 21	C 10 g	43/00
22, 23	C 10 c	
24	C 10 g	43/02
25 – 27	C 10 g	25/00
		29/20
		43/02
28 – 30	C 10 g	43/04
31	C 10 g	43/08
32	C 10 g	43/04
33 – 36	C 10 g	43/08
37	C 10 g	43/04
38	C 10 g	43/06
39, 40	C 10 c	1/00
		3/00
41	C 10 c	1/04
		3/06
42, 43	C 10 c	1/04
44	C 10 c	1/20
		3/02
45	C 10 c	1/18
		3/08
46, 47	C 10 g	
48	C 10 g	9/12
		9/16
49	C 10 b	57/02
	C 10 g	31/14
		37/00
50	C 10 b	55/00
	C 10 g	37/00
		39/00
51	C 10 b	55/00
	C 10 g	37/10
		39/00
52 – 55	C 10 b	55/00
	C 10 g	37/04
		37/06
56, 57	C 10 g	23/00
		37/10
		39/00
58	C 10 g	13/00
		37/00
59	C 10 g	13/00
		37/02
60	C 10 g	13/00
		37/10
61	C 10 g	13/00
		37/02
62	C 10 g	35/18
		37/10
		39/00
63, 64	C 10 g	35/04
		35/18
		37/10
		39/00
65	C 10 g	35/08
		39/00
66	C 10 g	35/04
		39/00
67	C 10 g	37/00
68	C 10 g	13/00
		37/06
69, 70	C 10 g	37/10
71	C 10 g	37/08
72	C 10 g	37/02
73	C 10 g	37/04
74 – 77	C 10 g	37/02
78 – 80	C 10 g	39/00
81 – 84	C 10 g	
85	C 10 g	1/00
86	C 10 c	3/00
	C 10 g	1/00
87	C 10 g	1/04
		21/00
88	C 10 g	17/00
		31/14
89	C 10 g	23/00
90	C 10 g	17/00
91	C 10 g	25/00
92 – 94	C 10 g	7/00
95 – 105	C 10 g	37/00
		39/00
106	C 10 b	55/00
	C 10 g	9/00
		15/06
107	C 10 g	13/00
108 – 112	C 10 g	13/02
113	C 10 g	11/00
114	C 10 g	11/02
115 – 117	C 10 g	11/08
118 – 124	C 10 g	11/02
		11/04
125	C 10 g	9/26
		9/42
126	C 10 g	9/26
		9/32
127	C 10 g	9/28
128	C 10 g	9/36
129	C 10 g	9/38
130	C 10 g	9/36
131, 132	C 10 g	9/14
133	C 10 g	35/00
134	C 10 g	35/04
135 – 139	C 10 g	35/06
140	B 01 j	11/02
	C 10 g	
141	C 10 g	35/00
142	C 10 g	23/00
143 – 145	C 10 g	23/02
146 – 176	C 10 g	13/14
		35/00
		35/10
177, 178	C 10 g	17/00
		31/14
179 – 186	C 10 m	11/00
187	C 10 g	33/00
188	C 10 g	33/04
189	C 10 g	27/00
190	C 10 g	27/02
191 – 194	C 10 g	27/04
195	C 10 g	27/08
196	C 10 g	27/04
197	C 10 g	29/06
198	C 10 g	29/10
199 – 202	C 10 g	19/06
203 – 206	C 10 g	19/00
207	C 10 g	29/00
208	C 10 g	17/00
		31/14
209 – 212	C 10 g	23/00
		31/14
213	C 10 g	23/02
		25/00
214	C 10 g	23/12
215, 216	C 10 g	23/02
217	C 10 g	23/04
218	C 10 g	31/00
219 – 223	C 10 g	17/02
		31/14
224	C 10 g	17/06
225	C 10 g	17/02
226 – 234	C 10 g	19/00
		31/14
235	C 10 g	19/08
		29/20
236	C 10 g	29/20
237	C 10 g	29/20
238	C 10 g	29/20
239	C 10 g	29/00
240	C 10 g	29/22
241	C 10 g	27/02
		29/12
242	C 10 g	17/08
		21/10
243 – 250	C 10 g	29/00
251	C 10 g	17/00
		31/14
252	C 10 g	17/00
253	C 10 g	29/04
254, 255	C 10 g	17/00
		31/14
256	C 10 g	17/00
257 – 259	C 10 g	29/00
260	C 10 g	25/04
		29/00
261	C 10 g	25/10
		29/00
262, 263	C 10 g	17/00
		31/14
264	C 10 g	23/00
265	C 10 g	17/00
266 – 269	C 10 g	17/06
270 – 275	C 10 g	17/06
		31/14
276	C 10 g	17/06
277	C 10 g	17/06
		21/12
278	C 10 g	25/00
279	C 10 g	17/00
		29/18
280 – 282	C 10 g	17/00
283, 284	C 10 g	19/00
285, 286	C 10 g	19/00
		31/14
287	C 10 g	19/00
		25/00
288	C 10 g	19/00
289	C 10 g	29/00
290	C 10 g	21/12
		29/20
291	C 10 g	21/16
		29/22
292	C 10 g	29/02
293	C 10 g	21/10
		29/10
		29/28
294 – 297	C 10 g	29/04
298	C 10 g	29/00
299, 300	C 10 g	25/00
301 – 303	C 10 g	25/00
		31/14
304	C 10 g	25/06
305	C 10 g	25/12
306	C 10 g	25/00
307	C 10 g	25/04
308	C 10 g	
309	C 10 c	3/00
310	C 10 g	25/00
311, 312	C 10 g	17/04
		21/00
313	B 01 d	3/00
	C 10 g	7/00
		21/28
314 – 316	C 10 g	21/02
317	C 10 g	21/04
318 – 320	C 10 g	21/00
321	C 10 g	21/28
322	C 10 g	21/12
323, 324	C 10 g	21/02
325	C 10 g	21/12
326	C 10 g	21/20
327 – 329	C 10 g	21/16
330, 331	C 10 g	21/20
332 – 335	C 10 g	21/16
336	C 10 g	21/18
337	C 10 g	21/14
338	C 10 g	21/10
339	C 10 g	21/00
340	C 10 g	5/00
341 – 343	C 10 g	5/00
344 – 346	C 10 g	5/04
347 – 350	B 01 d	3/00
	C 10 g	7/00
351	C 10 g	7/02
352	B 01 d	3/06
	C 10 g	7/00
353	B 01 d	3/00
	C 10 g	7/00
354, 355	B 01 d	3/00
	C 10 g	7/00
356	B 01 d	3/34
	C 10 g	7/00
357	B 01 d	3/10
	C 10 g	7/00
358	B 01 d	3/00
	C 10 g	7/00
359	B 01 d	3/08
	C 10 g	7/00
360	B 01 d	3/28
	C 10 g	7/00
361	B 01 d	3/06
	C 10 g	7/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 208—Con.		
362	B 01 d	3/34
	C 10 g	7/00
363	B 01 d	3/38
	C 10 g	7/00
364, 365	B 01 d	3/00
	C 10 g	7/00
366	B 01 d	3/10
	C 10 g	7/00
367 – 369	B 01 d	3/00
	C 10 g	7/00
370	C 10 g	

U.S. Class 209

Classifying, separating and assorting solids

(IPC B 07 b)

1	B 03 b	
	B 07 b	
2	B 03 b	9/00
	B 07 b	
3, 4	B 03 b	1/00
	B 03 d	3/00
5	B 03 b	1/00
	B 03 d	3/06
7	B 03 b	1/00
8	B 03 c	1/00
9	B 03 b	1/00
10, 11	B 03 b	
	B 07 b	
12, 13	B 03 b	7/00
	B 07 b	9/00
14	B 07 b	9/00
	C 22 b	11/10
15, 16	B 03 b	7/00
	C 22 b	11/10
17 – 20	B 03 b	7/00
	B 07 b	9/00
21 – 37	B 07 b	9/00
38 – 40	B 03 c	1/30
41	C 22 b	11/10
42, 43	B 07 b	9/00
	C 22 b	11/10
44	B 03 b	7/00
	B 07 b	9/00
45 – 47	B 07 b	13/00
48	B 07 b	13/00
	C 22 b	11/10
49	B 07 b	13/00
50 – 70	C 22 b	11/10
71 – 81	B 07 c	
82 – 108	B 07 b	13/04
	B 07 c	1/10
		5/04
109 – 110.5	B 07 c	
111.5	B 07 c	5/34
111.6 – 111.7	B 07 c	5/342
111.8	B 07 c	5/344
		53/444
111.9	B 07 c	5/34
112 – 114	B 07 c	9/00
115 – 120	B 07 b	13/10
121	B 07 b	13/08
	B 07 c	5/16
122 – 125	B 07 c	7/00
126	B 07 c	7/04
127 – 131	B 03 c	7/00
132	B 03 b	
	B 07 b	
133	B 07 b	3/00
		4/00
		7/00
134, 135	B 07 b	3/00
		4/00
		7/00
136, 137	B 07 b	3/00
		4/00
		7/00
138 – 141	B 07 b	3/00
		4/00
		7/00
142	B 07 b	3/00
		4/00
		7/00
143	B 07 b	7/04
144	B 04 c	
145	B 07 b	7/02
146 – 154	B 07 b	3/00
		4/00
		7/00
155	B 03 b	3/02
	B 03 d	
156 – 161	B 03 d	
162, 163	B 03 d	1/00
164 – 170	B 03 d	1/14
171	B 03 b	3/38
	B 03 d	1/00
172	B 03 d	1/00
172.5	B 03 b	3/38
	B 03 d	1/00
173 – 207	B 03 d	1/00
208 – 211	B 03 d	
212 – 232	B 03 c	1/00
233	B 07 b	1/00
234	B 07 b	9/00
235 – 237	B 07 b	1/00
238	B 01 b	1/46
	B 07 b	1/46
239	B 07 b	13/00
240 – 242	B 07 b	1/00
243 – 259	B 07 b	
260	B 07 b	1/28
261 – 268	B 07 b	
269	B 07 b	1/28
270	B 07 b	1/22
271	B 07 b	1/08
272	B 07 b	1/10
273	B 07 b	1/04
274	B 07 b	1/06
275 – 278	B 07 b	1/06
		1/28
279, 280	B 07 b	1/06
		1/08
281 – 283	B 07 b	1/06
284 – 286	B 07 b	1/18
287	B 07 b	1/26
288 – 292	B 07 b	1/22
293, 294	B 07 b	1/24
295	B 07 b	1/24
296 – 298	B 07 b	1/24
299	B 07 b	1/22
300	B 07 b	1/20
301	B 07 b	1/26
302	B 07 b	1/18
303	B 07 b	1/22
304	B 07 b	1/24
305, 306	B 07 b	1/20
307, 308	B 07 b	1/10
309 – 311	B 07 b	1/28
312	B 07 b	1/28
		7/06
313 – 320	B 07 b	1/28
321	B 07 b	1/28
		7/06
322 – 324	B 07 b	1/28
325 – 330	B 07 b	1/34
331	B 07 b	1/36
332	B 07 b	1/38
333 – 340	B 07 b	1/32
341 – 345	B 07 b	1/30
346 – 349	B 07 b	1/34
350, 351	B 07 b	1/38
352 – 356	B 07 b	1/04
357	B 07 b	1/22
		1/28
358	B 07 b	1/08
359	B 07 b	1/04
360	B 07 b	1/28
361	B 07 b	1/08
362, 363	B 07 b	1/00
364 – 366	B 07 b	1/42
366.5, 367	B 07 b	1/44
368, 369	B 07 b	1/42
370 – 378	B 07 b	
379 – 381	B 07 b	1/50
382	B 07 b	1/54
383 – 390	B 07 b	1/52
391 – 421	B 07 b	
422	B 07 b	3/00
423, 424	B 07 b	3/00
425 – 427	B 03 b	3/26
428 – 433	B 03 b	3/00
434 – 436	B 03 b	3/04
437 – 444	B 03 b	3/12
445 – 465	B 03 b	3/00
466, 467	B 07 b	3/00
468	B 07 b	3/12
469	B 07 b	3/00
470	B 07 b	3/08
471, 472	B 07 b	3/00
473	B 07 b	3/00
474	B 07 b	3/02
475, 476	B 07 b	3/12
477	B 07 b	3/00
478	B 07 c	1/00
479 – 483	B 07 b	13/00
484 – 486	B 03 b	
	B 07 b	
487	B 07 b	11/08
488	B 03 b	11/00
	B 07 b	11/00
489	B 07 b	11/04
490	B 03 b	11/00
	B 07 b	11/00
491	B 07 b	11/04
492 – 499	B 03 b	11/00
	B 07 b	11/00
500	B 07 b	
501	B 03 b	
502	B 07 b	
503 – 508	B 03 b	
	B 07 b	

U.S. Class 210

Liquid purification or separation

(IPC B 01 d)

1	B 01 d	
2, 3	C 02 c	1/02
		1/08
		5/10
4 – 7	C 02 c	1/06
8 – 18	C 02 c	1/02
		5/02
		5/10
19	B 01 d	35/20
		37/00
	C 02 b	1/78
20	B 01 d	35/00
		37/00
		37/04
21, 22	B 01 d	3/00
		11/00
23	B 01 d	13/00
24 – 29	B 01 d	3/00
		15/00
		19/00
	B 01 j	1/04
	C 02 b	1/14
		1/40
30 – 35	B 01 d	15/06
		15/08
	C 02 b	1/76
36	B 01 d	15/00
	B 01 j	1/04
	C 02 b	1/14
		1/40
37	C 02 b	1/56
38	C 02 b	1/42
39 – 41	B 01 d	15/00
	C 02 b	1/14
42 – 58	B 01 d	5/00
		11/00
		17/00
		21/00
	C 02 b	1/20
		5/00
	C 02 c	5/02
59 – 61	B 01 d	
	C 02 b	1/18
		3/06
	C 02 c	1/40
		5/02

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 210—Con.		
62, 63	C 02 b	1/34
		3/08
64	C 02 b	3/08
		3/10
65 – 68	B 01 d	37/00
	C 02 b	3/00
	C 02 c	
69	B 01 d	11/02
70	B 01 d	37/00
	C 02 b	
	C 02 c	
71	B 01 d	35/18
	C 02 b	1/02
72	B 01 d	17/00
73 – 74	B 01 d	37/00
73, 74	C 02 b	
	C 02 c	
75	B 01 d	37/02
76	B 01 d	35/00
		37/00
77	B 01 d	33/00
78	B 01 d	33/02
	B 04 b	3/00
79	B 01 d	23/24
		27/12
		29/38
		35/22
		41/00
80 – 82	B 01 d	23/24
83, 84	B 01 d	21/00
		23/00
85 – 95	B 01 d	35/00
		35/14
96	B 01 d	
97 – 105	B 01 d	21/24
		23/20
		25/30
		33/38
		33/40
106 – 108	B 01 d	23/24
		25/22
		27/12
		29/39
		35/00
		41/00
109 – 119	B 01 d	21/24
		23/20
		33/38
	C 02 c	1/20
120	B 01 d	35/00
121	B 01 d	
122	B 01 d	33/00
123 – 125	B 01 d	
126	B 01 d	23/24
		27/12
		29/38
		35/22
		41/00
127 – 129	B 01 d	35/00
130 – 133	B 01 d	27/10
		35/14
		41/00
134 – 149	B 01 d	
150, 151	B 01 d	33/34
		35/00
152	B 01 d	
	C 02 c	3/00
153	B 01 d	
	C 02 c	
	E 02 b	
154 – 162	B 01 d	33/00
		35/00
	E 02 b	5/08
163 – 166	E 03 f	5/06
		5/14
		9/00
167	B 01 d	
	C 02 b	
	C 02 c	
168	F 01 m	
169	E 04 h	3/16
		3/20
170	E 02 b	
171, 172	E 03 b	11/00
173, 174	B 01 d	35/00
	C 02 c	1/22
	E 03 d	9/10
175	B 01 d	35/18
	C 02 b	1/02
176	B 01 d	17/00
177 – 183	B 01 d	35/18
	C 02 b	1/02
	C 02 c	1/18
184 – 187	B 01 d	23/00
		35/18
188	B 01 d	19/00
	C 02 b	1/10
	C 02 c	
189	B 01 d	23/10
		33/30
190, 191	B 01 d	23/24
		27/12
		29/38
		35/00
	C 02 b	1/76
192	B 01 d	
	C 07	
193	B 01 d	37/02
194 – 197	B 01 d	
	C 02 b	
	C 02 c	
198 – 202	B 01 d	
	C 02 b	
	C 02 c	
203	B 01 d	35/00
204	B 01 d	25/12
		35/00
205, 206	B 01 d	35/00
	C 02 b	
	C 02 c	
207, 208	B 01 d	23/00
		33/00
		35/00
209	B 01 d	
	C 02 b	
	C 02 c	
210 – 217	B 01 d	33/00
		33/06
218 – 221	B 01 d	
	C 02 b	
	C 02 c	
222, 223	B 01 d	35/06
	B 03 c	1/02
		1/30
224	B 01 d	25/00
225	B 01 d	25/32
		33/00
226	B 01 d	25/06
227 – 229	B 01 d	25/00
		25/12
230	B 01 d	25/00
		29/38
231	B 01 d	25/12
232 – 243	B 01 d	
	C 02 b	
	C 02 c	
244 – 246	B 01 d	23/00
		35/00
247 – 262	B 01 d	
	C 02 b	
	C 02 c	
263, 264	B 01 d	15/00
		15/02
		23/10
		25/06
		27/02
		29/08
		29/38
		33/16
		33/24
265	B 01 d	23/00
		33/18
266	B 01 d	
	C 02 b	
	C 02 c	
267	B 01 d	15/00
		23/10
		25/06
		27/02
		29/08
		33/16
268	B 01 d	15/02
		23/10
269 – 281	B 01 d	23/24
		27/12
		29/38
		41/02
	C 02 b	1/76
		33/00
282	B 01 d	27/02
283 – 286	B 01 d	23/10
	C 02 c	1/20
287 – 289	B 01 d	23/20
		27/02
		35/02
		35/28
290	B 01 d	23/10
291 – 293	B 01 d	23/18
		35/28
294	B 01 d	
	C 02 b	
	C 02 c	
295, 296	B 01 d	23/00
		25/00
		27/00
		29/00
		31/00
		35/00
297	B 01 d	33/00
		35/00
298	B 01 d	25/32
		33/36
		35/16
299 – 313	B 01 d	21/00
		23/26
		33/38
		43/00
	C 02 c	1/26
302	A 62 c	31/18
314 – 318	B 01 d	23/00
		25/00
		27/00
		29/00
		31/00
		35/00
319, 320	B 01 d	
	C 02 b	
	C 02 c	
321	B 01 d	13/00
	C 02 b	1/74
		1/82
322	B 01 d	
	C 02 b	
	C 02 c	
323	B 01 d	23/00
		25/00
		27/00
		29/00
		31/00
		33/00
324, 325	B 01 d	33/00
326	B 01 d	33/06
327 – 331	B 01 d	33/00
		35/12
		35/16
328	B 27 c	27/00
332 – 348	B 01 d	23/00
		25/00
		27/00
		29/00
		31/00
		33/00
		35/16
		35/22
349	B 01 d	19/00
		35/00
350 – 352	B 01 d	23/00
		25/00
		27/00
		29/00
		31/00
		33/00
		35/00
	C 02 c	1/18
353	B 01 d	35/24
354 – 356	B 01 d	33/00
		35/00
357	B 01 d	33/00
358	B 01 d	23/00
		25/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 210—Con.		
		27/00
		29/00
		31/00
		33/00
		35/00
	C 02 c	1/18
359–382	B 01 d	33/00
		35/00
		35/22
383	B 01 d	33/00
		35/00
384–387	B 01 d	33/00
388, 389	B 01 d	33/00
		35/20
390	B 01 d	35/02
391	B 01 d	33/00
		33/36
		35/16
392, 393	B 01 d	35/16
		35/22
394	B 01 d	33/06
395–397	B 01 d	33/00
		33/36
		35/16
398, 399	B 01 d	33/00
		35/00
400, 401	B 01 d	33/04
402–404	B 01 d	33/06
		33/08
405	B 01 d	21/24
		25/30
		29/42
		33/04
		33/38
		35/00
406	B 01 d	35/00
407–415	B 01 d	21/02
		21/18
		25/32
		33/36
		35/00
	C 02 c	1/26
416	B 01 d	23/00
		25/00
		27/00
		29/00
		31/00
		33/00
417–428	B 01 d	21/24
		23/20
		25/30
		29/42
		33/38
		35/00
	C 02 c	1/22
429–432	B 01 d	35/02
433, 434	B 01 d	21/24
		23/20
		25/30
		29/42
		33/38
		35/00
	C 02 c	1/22
435, 454	B 01 d	27/00
		35/00
		35/28
435–454	C 02 c	1/14
455	B 01 d	23/00
		25/00
		27/00
		29/00
		31/00
		33/00
		35/00
	C 02 c	1/18
456	B 01 d	21/24
		25/04
		25/30
		29/42
		33/38
		35/00
		35/28
457–463	B 01 d	23/00
		25/00
		27/00
		29/00
		31/00
		33/00
		35/00
	C 02 c	1/18
464–469	B 01 d	23/20
		35/02
470–472	B 01 d	35/00
	C 02 c	1/14
473–482	B 01 d	23/00
		35/00
483	B 01 d	23/02
		27/00
		29/00
		39/00
484, 485	B 01 d	27/08
		29/10
		35/00
486, 487	B 01 d	39/00
488–492	B 01 d	25/04
		25/16
493	B 01 d	27/06
		29/06
494	B 01 d	27/00
		29/06
495	B 01 d	23/08
		29/00
		35/00
496	B 01 d	27/02
		27/04
		39/14
497, 497.1	B 01 d	29/10
498, 499	B 01 d	39/10
500–502	B 01 d	39/00
		39/14
503–505	B 01 d	39/02
		39/04
		39/06
506–509	B 01 d	39/08
		39/12
		39/14
510	B 01 d	39/14
		39/20
511	B 01 d	11/00
		12/00
		17/00
512	B 01 d	21/26
		33/02
513–540	B 01 d	12/00
		17/00
		43/00
541, 542	B 01 d	
	C 02 c	
553.561	N 05 b	1/14
589	A 01 q	25/04

U.S. Class 211

Supports, racks

(IPC A 47)

1	A 47 f	
1.3	A 47 b	53/00
1.5	A 47 f	3/08
2	A 47 f	
4–9	E 05 b	73/00
10–12	B 42 f	17/00
13–15	A 47 f	7/00
16	A 47 k	10/00
17–22	A 47 f	7/00
23, 24	A 47 f	7/04
26, 27	A 47 f	7/00
28	A 47 g	29/00
29	A 47 f	7/00
30–33	A 47 f	7/06
	A 47 g	25/10
34–38	A 47 f	7/08
39	A 47 f	13/00
40	A 47 g	29/00
41	A 47 g	19/08
42, 43	A 47 b	65/00
44	A 47 f	7/18
45–48	A 47 f	7/16
49–61	A 47 f	7/00
62, 63	A 47 g	25/12
64	A 47 f	7/00
65, 66	A 47 b	81/02
67–69	A 47 f	7/00
69.1	A 47 f	7/00
	B 43 m	17/00
69.2	A 47 f	7/00
	B 43 l	27/02
69.3–69.9	A 47 f	7/00
	B 43 m	17/00
70	A 47 f	7/00
71–73	A 47 g	29/00
74–77	A 47 b	73/00
78–85	A 47 g	29/00
86	A 47 f	5/00
87–90, 94–105	A 47 f	5/08
105.1, 105.2	A 47 h	1/02
105.3–105.6	A 47 h	1/08
106–119	A 47 f	5/08
119.01–119.18	D 06 f	53/00
120	A 47 h	13/00
121, 122	A 47 f	5/02
123	A 47 h	1/00
	A 47 k	10/04
124	A 47 h	13/00
125	B 42 f	13/12
126–133	A 47 f	3/14
	A 47 j	47/00
134, 135	A 47 f	5/00
144	A 47 f	5/02
148–151, 153	A 47 f	5/00
162	A 47 f	5/00
163–167	A 47 f	5/02
168–174	A 47 f	5/12
175–179	A 47 f	5/10
180	A 47 f	5/00
181–182	A 47 f	5/14
183, 184	A 47 f	5/00

U.S. Class 212

Traversing hoists

(IPC B 66 c)

1	B 66 c	
2	B 66 c	13/16
3	B 66 c	23/52
4	B 66 c	13/00
5–7	B 66 c	17/06
8, 9	B 66 c	23/00
10	B 66 c	17/00
11	B 66 c	17/06
12	B 66 c	7/00
13–16	B 66 c	5/02
		19/00
17	B 66 c	17/04
18–27	B 66 c	17/00
28, 29	B 66 c	23/00
30–35	B 66 c	23/54
36, 37	B 66 c	23/00
38	B 66 c	23/36
39	B 66 c	13/48
40	B 66 c	23/00
41	B 66 c	1/00
42, 42.5	B 66 c	3/00
43	B 66 c	23/00
44	B 66 c	1/12
46	B 66 c	23/62
47	B 66 c	23/00
48, 49	B 66 c	23/72
50–53	B 66 c	23/58
54–60	B 66 c	23/06
61–65	B 66 c	23/02
66–69	B 66 c	23/84
70	B 66 c	23/62
71	B 66 c	19/00
72	B 63 b	27/18
	B 66 c	21/00
73–75	B 66 c	19/00
76–123	B 66 c	21/00
124–142	B 66 c	19/00
144, 145	B 66 c	23/62

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 213		
Railway draft appliances		
(IPC B 61 g)		
1	**B 61 g**	
1.3–1.6	**B 61 g**	5/06
2–6	**B 61 g**	5/02
7	**B 61 g**	9/02
		9/04
		9/06
		11/00
8	**B 61 g**	9/12
9	**B 61 g**	9/02
		9/04
10–49	**B 61 g**	9/02
		9/04
		9/06
		11/00
50–61	**B 61 g**	7/10
		9/20
62–72	**B 61 g**	9/00
73	**B 61 g**	9/00
		9/12
74	**B 61 g**	1/10
75	**B 61 g**	1/00
		3/00
		5/00
		7/00
76	**B 61 g**	5/06
77–174	**B 61 g**	3/00
175–210	**B 61 g**	1/00
211–219	**B 61 g**	1/00
		3/00
		7/00
220–223	**B 61 g**	11/00
224	**B 61 g**	7/04
U.S. Class 214		
Material or article handling		
(IPC B 65 g)		
1	**B 25 j**	3/00
	B 65 g	
1.1–1.7	**B 23 q**	5/22
	B 65 h	5/00
2	**B 65 g**	69/00
	G 01 g	13/00
2.5	**E 21 b**	19/00
3	**A 01 g**	23/02
	B 66 f	11/02
3.1	**B 66 f**	11/00
5	**A 01 d**	85/00
5.5	**A 24 b**	1/06
6–8	**B 65 g**	57/00
8.5	**B 65 g**	59/00
9	**A 24 b**	1/06
	B 65 g	57/00
0		
10	**B 65 g**	57/00
10.5	**B 65 d**	57/00
	B 65 g	1/14
		1/20
11	**B 65 g**	43/00
		47/34
12–14	**B 63 b**	27/00
		35/30
	B 65 g	63/00
		67/58
15	**B 63 b**	27/00
		35/30
16	**B 65 g**	47/00
		65/02
16.1	**E 04 h**	6/06
		6/12
16.4, 16.6	**B 65 g**	47/00
		65/02
17	**A 01 f**	25/00
	B 65 g	65/30
18–22	**B 66 c**	17/08
	F 23 k	3/00
23–34	**B 65 g**	25/00
	B 66 c	17/08
	F 23 k	3/00
35–37	**B 66 c**	17/08
	F 23 k	3/00
38–40	**B 65 g**	67/02
41	**B 65 g**	67/04
42, 43	**B 65 g**	67/22
44–47, 49, 52 –64.2	**B 65 g**	67/24
75	**B 60 p**	1/46
	B 65 d	9/00
77–80	**B 60 p**	1/48
82–85.5	**B 60 p**	1/00
86	**B 65 g**	
	B 66 c	
87, 88	**B 65 g**	
	B 66 c	17/00
89–94	**B 66 b**	17/00
95, 96, 99–110, 114	**B 65 g**	47/00
	B 66 f	9/06
127, 128	**B 65 g**	47/00
	B 66 f	9/06
130	**B 66 c**	23/00
131–146	**B 66 f**	9/00
	E 02 f	3/00
146.5	**B 66 c**	23/00
147	**B 66 c**	1/00
		3/00
148, 149, 151	**B 66 c**	23/00
152	**B 65 g**	
300, 301	**B 65 b**	21/02
		69/00
	B 65 g	65/04
		65/34
302, 303	**B 65 f**	3/02
304–318	**B 65 b**	21/02
		69/00
	B 65 g	65/04
		65/34
330–334	**B 60 b**	29/00
	B 65 g	7/00
338	**B 65 h**	51/00
339	**B 65 h**	51/26
340	**B 65 g**	7/00
350–359	**B 60 p**	1/00
370–384	**B 62 b**	1/06
390, 392, 394, 396	**B 60 p**	3/00
450	**B 60 r**	9/00
451–454	**B 62 d**	43/00
500	**B 60 p**	1/00
501–510	**B 60 p**	1/04
511	**B 62 b**	1/00
512–514	**B 60 p**	1/02
515–517	**B 60 p**	1/64
518–523	**B 60 p**	1/00
620–630	**B 65 g**	47/00
	B 66 f	9/06
650–658	**B 65 g**	47/00
	B 66 f	9/18
660, 670–674	**B 65 g**	47/00
	B 66 f	9/08
700–715	**B 65 g**	47/00
	B 66 f	9/16
730, 731	**B 65 g**	47/00
	B 66 f	9/14
740, 741, 750	**B 65 g**	47/00
	B 66 f	9/06
761–780	**B 66 f**	9/00
	E 02 f	3/00
U.S. Class 215		
Bottles and jars		
(IPC B 65 d)		
1	**B 65 d**	23/00
2	**B 65 d**	1/06
		1/20
3–5	**B 65 d**	23/00
		47/34
	B 67 c	9/00
6	**B 65 d**	1/04
7–9	**A 61 j**	1/00
	B 65 d	55/02
10	**B 65 d**	21/00
11	**A 61 j**	9/00
12	**B 65 d**	11/16
13	**A 47 j**	41/00
14–16	**B 65 d**	47/02
		49/00
17–30	**B 65 d**	49/02
31	**B 65 d**	1/02
		11/04
32–36	**B 65 d**	1/02
		17/00
37	**B 65 d**	51/00
38	**B 65 d**	41/02
39	**B 65 d**	41/10
40	**B 65 d**	23/00
		53/00
41	**B 65 d**	41/22
42	**B 65 d**	41/20
43	**B 65 d**	41/04
44	**B 65 d**	41/06
45	**B 65 d**	45/00
46	**B 65 d**	43/02
47, 48	**B 65 d**	39/00
49, 50	**B 65 d**	39/08
51	**B 65 d**	39/02
52–54	**B 65 d**	39/12
55	**B 65 d**	43/02
56	**B 65 d**	51/16
59	**B 65 d**	39/00
60	**B 65 d**	39/02
61, 62	**B 65 d**	39/16
63–72	**B 65 d**	43/14
		51/04
73	**B 65 d**	47/00
74–78	**B 65 d**	47/20
79	**B 65 d**	47/32
80	**B 65 d**	41/24
		53/06
81	**B 65 d**	51/14
82–84	**B 65 d**	55/02
85, 86	**B 65 d**	45/00
87	**B 65 d**	45/06
88	**B 65 d**	45/10
		45/14
89–93	**B 65 d**	45/00
94	**B 65 d**	55/06
95	**B 65 d**	41/08
96	**B 65 d**	45/32
97	**B 65 d**	45/30
98	**B 65 d**	55/14
99	**B 65 d**	45/16
99.5	**A 47 g**	19/22
	B 65 d	1/00
100	**B 65 d**	23/12
100.5	**B 65 d**	23/06
101	**B 65 d**	23/12
U.S. Class 217		
Wooden receptacles		
(IPC B 65 d)		
1, 2	**B 65 d**	9/32
		25/00
3	**B 65 d**	25/14
4	**B 65 d**	9/00
		87/00
		89/00
5	**B 65 d**	9/06
6	**B 65 d**	1/00
7–10	**B 65 d**	25/04
		25/10
11	**B 65 d**	85/00
12	**B 65 d**	9/12
13	**B 65 d**	9/18
14–16	**B 65 d**	9/14
		9/18
		9/22
17	**B 65 d**	9/32
18–34	**B 65 d**	25/02
		81/00
		85/00
35	**B 65 d**	25/12
36	**B 65 d**	9/06
37, 38	**B 65 d**	85/68

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 217—Con.		
40	B 65 d	85/34
42	B 65 d	81/24
43	B 65 d	9/12
44, 45	B 65 d	9/02
		11/06
46 – 48	B 65 d	9/14
		9/18
		9/22
49	B 65 d	9/02
		11/06
51	B 65 d	9/16
		9/20
52 – 55	B 65 d	25/12
		81/02
		85/30
56	B 65 d	43/00
57, 58	B 65 d	43/16
59	B 65 d	43/20
60, 61	B 65 d	43/24
62, 63	B 65 d	43/12
64	B 65 d	25/02
65	B 65 d	9/34
66 – 71	B 65 d	9/34
		63/00
72 – 74	B 65 d	9/02
		25/00
75	B 65 d	25/02
76, 77	B 65 d	43/00
78 – 80	B 65 d	39/12
81 – 85	B 65 d	43/00
86	B 65 d	25/02
87	B 65 d	43/00
88	B 65 d	9/04
89	B 65 d	43/22
		45/00
90	B 65 d	25/00
91 – 95	B 65 d	9/38
		25/00
96	B 65 d	9/34
97	B 65 d	25/00
98 – 114	B 65 d	39/00
122 – 124	B 65 d	9/10
125	B 65 d	25/28
		25/32
126	B 65 d	25/20
127	B 65 d	81/00
		85/00

U.S. Class 219

Electric heating

(IPC H 05 b)

U.S. Subclass	IPC Subclass	IPC Notation
6.5	H 05 b	5/00
		9/00
7.5	H 05 b	5/00
		9/00
8.5	H 05 b	5/00
		9/00
9.5	B 23 k	13/00
10.41	H 05 b	5/00
		9/00
10.43	H 05 b	5/00
		9/00
10.47	H 05 b	5/00
		9/00
10.49	H 05 b	5/00
		9/00
10.51	H 05 b	5/00
		9/00
10.53	B 23 k	13/02
10.55	H 05 b	9/06
10.57	H 05 b	5/00
		9/06
10.59	H 05 b	5/00
		9/06
10.61	H 05 b	5/00
		9/06
10.63	H 05 b	5/00
		9/06
10.65	H 05 b	5/00
		9/06
10.67	H 05 b	5/00
		9/06
10.69	H 05 b	5/00
		9/06
10.71	H 05 b	5/00
		9/06
10.73	H 05 g	5/00
		9/06
10.75	H 05 b	5/00
		9/06
10.77	H 05 b	1/02
		5/04
		9/06
10.79	H 05 b	9/02
10.81	H 05 b	9/04
50	H 05 b	1/00
		3/00
		7/00
		11/00
51	B 21 l	3/02
	H 05 b	1/00
52	B 21 l	3/00
	H 05 b	1/00
53	H 05 b	1/00
54	B 23 k	9/00
55	B 23 k	11/00
56	B 23 k	1/00
		9/00
		11/00
		15/00
57	B 23 k	1/00
		9/00
		11/02
		11/04
		15/00
58	B 23 k	1/00
		9/00
		11/00
		15/00
59	B 23 k	31/06
60	B 23 k	9/02
61	B 23 k	31/06
62	B 23 k	1/16
		11/08
63 – 66	B 23 k	1/16
		11/30
67	B 23 k	31/06
68	B 23 p	1/00
69	B 23 k	9/16
70	B 23 k	9/00
71	B 23 k	27/00
72	B 23 k	9/16
		35/38
73	B 23 k	9/18
		25/00
74	B 23 k	9/16
		35/38
75	B 23 k	9/16
		9/24
		35/38
76, 77	B 23 k	9/04
78	B 23 k	9/00
		11/00
79, 80	B 23 k	9/12
		11/00
81 – 84	B 23 k	11/06
85	B 23 k	1/02
		1/04
86 – 94	B 23 k	9/28
		11/10
95, 96	B 23 k	9/22
		11/12
97 – 99	B 23 k	9/00
		11/04
100	B 23 k	9/00
		11/04
101 – 107	B 23 k	9/02
		11/02
		11/04
108	B 23 k	9/10
		11/04
		11/24
109 – 111	B 23 k	9/10
		11/24
112	B 23 k	9/06
		11/26
113 – 116	B 23 k	9/10
		11/24
117	B 23 k	9/00
		11/00
118	B 23 k	9/00
		11/16
119, 120	B 23 k	9/24
		11/30
121, 122	B 23 k	9/00
123	B 23 k	9/08
124 – 126	B 23 k	9/12
127, 128	B 23 k	9/00
129	B 23 k	1/04
		1/10
130	B 23 k	9/00
131 – 135	B 23 k	9/10
136, 137	B 23 k	9/00
138 – 144	B 23 k	9/28
145	B 23 k	35/00
146	B 23 k	35/22
147	B 23 k	9/32
148	B 23 k	11/00
149	B 21 j	1/06
	H 05 b	1/00
150 – 152	B 21 j	5/08
	H 05 b	1/00
153 – 154	B 21 j	5/06
	H 05 b	1/00
155 – 157	C 21 d	9/62
	H 05 b	1/00
158 – 161	B 21 j	13/08
	H 05 b	1/00
162	C 21 d	1/40
	H 05 b	1/00
200 – 201	H 05 b	1/00
		3/00
		11/00
202 – 208	B 60 l	1/02
209 – 221	H 05 b	1/00
		3/00
		11/00
222	A 45 d	1/04
		2/36
		4/06
		4/12
223	A 45 d	25/18
224	A 45 d	1/20
		2/36
		4/14
		4/16
225	A 45 d	1/04
226	A 45 d	1/04
		20/00
		20/08
227	H 05 b	1/00
		3/02
		11/00
228	H 05 b	1/00
		3/20
229 – 242	H 05 b	1/00
		3/42
243, 244	H 05 b	1/00
		3/02
245	D 06 f	75/08
246	D 06 f	
247	D 06 f	75/28
		75/40
248	D 06 f	75/26
249	D 06 f	75/08
250 – 253	D 06 f	75/26
254, 255	D 06 f	75/24
256, 257	D 06 f	75/26
258	D 06 f	75/24
259	D 06 f	75/08
260	F 23 q	7/00
261	F 23 q	7/04
262 – 266	F 23 q	7/00
		13/00
267	F 23 q	7/22
268	F 23 q	7/00
		7/16
		7/18
		7/20
269, 270	F 23 q	7/22
271	F 22 b	1/28
272 – 276	F 22 b	
277, 278	H 05 b	3/02
279	F 27 d	11/00
280	H 05 b	1/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 219—Con.		
		3/00
		7/18
		11/00
281	F 24 h	1/00
	H 05 b	1/00
		3/00
		7/18
		11/00
282	F 24 h	
	H 05 b	1/00
		3/00
		7/18
		11/00
283 – 295	H 05 b	3/60
296	F 24 h	1/10
	H 05 b	1/00
		3/00
		11/00
297	F 24 h	1/20
	H 05 b	1/00
		3/00
		11/00
298, 299	F 24 h	1/10
	H 05 b	1/00
		3/00
		11/00
300	F 24 h	1/14
	H 05 b	1/00
		3/00
		11/00
301	F 24 h	1/10
	H 05 b	1/00
		3/00
		11/00
302	F 24 h	1/20
	H 05 b	1/00
		3/00
		11/00
303, 304	F 24 h	1/16
	H 05 b	1/00
		3/00
		11/00
305	F 24 h	1/12
	H 05 b	1/00
		3/00
		11/00
306 – 309	F 24 h	1/10
	H 05 b	1/00
		3/00
		11/00
310 – 315	F 24 h	1/18
	H 05 b	1/00
		3/00
		11/00
316, 317	H 05 b	1/00
		3/78
		11/00
318	H 05 b	1/00
		1/20
		3/80
		11/00
319 – 321	H 05 b	1/00
		3/78
		11/00
322 – 324	F 24 h	1/00
		1/20
		3/02
		11/00
325	F 24 f	7/00
	H 05 b	1/00
		3/02
		11/00
326	F 24 h	7/02
	H 05 b	1/00
		3/02
		11/00
327 – 338	F 24 h	1/00
	H 05 b	1/00
		3/02
		11/00
339, 340	F 24 h	3/00
	H 05 b	1/008
		3/02
341	F 24 h	7/00
	H 05 b	1/00
		3/02
		11/00
342 – 349	F 24 h	9/02
	H 05 b	1/00
		3/02
		11/00
350 – 364	F 24 h	3/00
	H 05 b	1/00
		3/02
		11/00
365	F 24 h	7/00
	H 05 b	1/00
		3/02
		11/00
366 – 368	F 24 h	9/02
	H 05 b	1/00
		3/02
		11/00
369 – 372	F 24 h	3/04
	H 05 b	1/00
		3/02
		11/00
373 – 377	F 24 h	3/00
	H 05 b	1/00
		3/02
		11/00
378	F 24 h	7/00
	H 05 b	1/00
		3/02
		11/00
379 – 382	F 24 h	3/00
	H 05 b	1/00
		3/02
		11/00
383, 384	H 05 b	7/18
385	F 27 d	11/00
386	F 24 c	7/10
	F 27 d	11/00
387	A 21 b	1/52
	F 27 d	11/00
388	F 27 b	9/06
	F 27 d	11/00
389	F 27 b	7/00
	F 27 d	11/00
390	F 27 b	5/14
	F 27 d	11/00
391	A 21 b	1/00
		1/22
	F 27 d	11/00
392	A 21 b	1/00
		1/22
	F 27 d	5/00
		11/00
393 – 414	A 21 b	1/00
		1/22
	F 27 d	11/00
415 – 419	F 27 d	11/00
420 – 427	F 27 b	14/00
428 – 442	F 27 d	11/00
443 – 468	H 05 b	3/68
469 – 471	B 21 b	27/06
	H 05 b	3/02
472 – 489	H 05 b	3/02
490 – 506	H 05 b	1/02
507, 508	H 05 b	3/02
509 – 519	H 05 b	1/02
520 – 527	H 05 b	3/06
528, 529	H 05 b	3/34
		3/54
530	H 05 b	3/06
		3/50
531 – 533	H 05 b	3/06
534	H 05 b	3/40
535	H 05 b	3/58
536, 537	H 05 b	3/06
538, 539	H 05 b	3/02
540	H 05 b	3/06
541	H 05 b	3/08
542	H 05 b	3/06
543	H 05 b	3/16
544	H 05 b	3/44
		3/50
545	H 05 b	3/34
		3/54
546	H 05 b	3/02
547, 548	H 05 b	3/10
549	H 05 b	3/34
		3/54
550, 551	H 05 b	3/02
552, 553	H 05 b	3/10

U.S. Class 220

Metallac receptacles

(IPC B 65 d)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 65 d	
1.5	B 65 d	87/00
	B 65 j	1/02
2	B 65 d	85/70
2.1	H 01 j	61/30
	H 01 k	1/28
2.2	H 01 k	3/22
2.3	H 01 k	1/42
3	F 25 j	
3.1	A 47 j	41/00
3.2 – 3.94	H 02 g	3/08
4	B 65 d	7/00
5	B 65 d	7/02
6 – 8	B 65 d	7/24
9	B 65 d	25/18
10	B 65 d	7/22
11	B 65 d	3/22
		9/26
12	B 65 d	57/00
		61/00
13	A 47 j	27/10
14 – 17	B 65 d	25/00
17.1	B 65 d	25/20
17.2	B 65 d	25/32
17.3	B 65 d	25/20
18	B 65 d	25/24
19	B 65 d	7/20
20 – 23	B 65 d	1/24
		1/36
		57/00
		85/00
23.2 – 23.86	A 47 g	19/00
	B 65 d	21/02
24	B 65 d	39/00
		41/00
		43/00
		45/00
		47/00
		51/00
24.2 – 24.3	B 65 d	51/00
24.5	B 65 d	39/12
25	B 65 d	45/00
26	B 65 d	87/18
27	B 65 d	17/00
29	B 65 d	51/18
30 – 38	B 65 d	43/16
		51/10
38.5	B 65 d	51/00
39	B 65 d	41/04
40	B 65 d	41/06
41	B 65 d	43/12
42	B 65 d	41/00
43	B 65 d	43/04
44	B 65 d	51/16
45	B 65 d	53/06
46	B 65 d	53/00
47	B 65 d	43/02
48	B 65 d	17/00
49, 50	B 65 d	17/20
51	B 65 d	17/16
52	B 65 d	17/26
53, 54	B 65 d	17/20
55 – 55.7	A 47 j	27/08
		36/10
	B 65 d	45/00
57, 59	A 47 j	27/08
		36/10
	B 65 d	45/00
60	B 65 d	43/10
62	B 65 d	7/42
		25/00
63 – 65	B 65 d	25/14
		25/34
66 – 74	B 65 d	7/42
75 – 81	B 65 d	7/34
		7/42
82	B 65 d	25/54

U.S. Class 220—Con.

U.S. Subclass	IPC Subclass	Notation
82.5	A 47 j	31/04
83, 84	B 65 d	7/42
85	B 65 d	25/00
86	B 65 b	3/00
	B 67 c	3/00
87 – 90	B 65 d	25/00
90.2 – 90.6	A 47 g	19/22
91, 92	B 65 d	25/32
93	B 65 d	25/10
94 – 96	B 65 d	25/28
97	B 65 d	21/00
101	B 65 d	25/22
102 – 118	B 65 d	75/00

U.S. Class 221

Article dispensing

(IPC B 65 h)

U.S. Subclass	IPC Subclass	Notation
1	B 65 g	59/00
	B 65 h	
	G 07 f	11/00
2 – 10	G 07 f	11/00
11	G 07 f	11/12
12 – 14	G 07 f	11/00
15, 16	B 65 b	59/00
17	B 65 h	7/00
	G 07 f	11/00
18 – 20	B 65 h	7/18
21 – 23	B 65 g	59/00
	B 65 h	3/00
	G 07 f	11/00
24	A 24 f	15/04
	G 07 f	11/00
25	G 07 f	11/66
26	B 65 h	3/58
27 – 29	A 47 f	1/00
	G 07 f	11/00
30 – 32	G 07 f	11/72
33 – 35	B 65 h	1/00
36 – 43	B 65 h	3/00
44 – 55	A 47 k	10/24
	B 65 h	1/00
56 – 60	B 65 h	1/08
61 – 63	B 65 h	1/00
64, 65	B 65 d	83/00
66	A 47 f	1/04
	G 07 f	11/00
67	B 65 g	59/00
	G 07 f	11/08
68	B 65 g	59/00
	B 65 h	1/00
69	G 07 f	11/00
70 – 74	B 65 h	5/28
	G 07 f	11/68
75 – 89	G 07 f	11/00
90	G 07 f	11/06
91	G 07 f	11/00
92	B 65 g	59/00
	B 65 h	1/00
	G 07 f	11/00
93 – 95	B 65 h	3/44
	G 07 f	11/00
96 – 102	A 47 f	1/00
	G 07 f	11/00
103 – 111	B 65 g	59/00
	B 65 h	3/00
	G 07 f	11/12
112 – 118	B 65 g	59/00
	B 65 h	3/00
	G 07 f	11/00
119 – 122	B 65 g	59/00
	B 65 h	1/00
	G 07 f	11/00
123 – 132	B 65 g	59/00
	B 65 h	3/44
	G 07 f	11/00
133	B 65 h	1/00
	G 07 f	11/10
134	B 65 g	59/00
135 – 150	A 24 f	27/14
	B 65 d	83/00
	G 07 f	11/72
151 – 153	B 65 g	59/00
	B 65 h	3/00
	G 07 f	11/16
154, 155	A 47 f	1/04
	G 07 f	11/00
156 – 173	B 23 q	7/12
	B 65 h	9/00
174	B 23 q	7/00
	G 07 f	11/00
175 – 184	B 65 g	59/00
	B 65 h	1/30
185	A 01 c	
186 – 190	A 24 f	15/04
	G 07 f	11/46
191 – 196	B 65 h	3/00
	G 07 f	11/00
197, 198	B 65 h	1/00
199	B 65 g	59/00
	B 65 h	
	G 07 f	11/00
200 – 205	B 65 h	3/60
	G 07 f	11/00
206, 207	B 65 g	59/00
	B 65 h	3/00
	G 07 f	11/00
208 – 210	B 23 q	7/04
	B 65 g	59/00
	B 65 h	3/00
	G 07 f	11/16
211	B 23 q	7/04
	B 65 g	59/04
	B 65 h	3/08
	G 07 f	11/10
212	B 23 q	7/04
	B 65 g	59/04
	B 65 h	3/16
	G 07 f	11/10
213 – 216	A 01 c	9/00
	B 23 q	7/04
	B 65 h	3/22
	G 07 f	11/16
217 – 220	A 01 c	9/00
	B 23 q	7/04
	G 07 f	11/16
221 – 223	B 65 h	3/28
	G 07 f	11/16
224, 225	B 65 h	5/00
	G 07 f	11/16
226 – 232	B 65 h	1/08
	G 07 f	11/16
233 – 238	B 65 h	5/00
	G 07 f	11/16
239	B 23 q	7/00
240	B 65 h	3/26
241, 242	B 65 h	31/20
	G 07 f	11/16
243 – 252	B 65 g	59/00
	B 65 h	3/00
	G 07 f	11/16
253	B 65 h	3/36
	G 07 f	11/26
254	A 24 f	15/04
	G 07 f	11/16
255 – 258	B 65 g	59/00
	B 65 h	3/00
	G 07 f	11/16
259	B 65 g	59/00
	B 65 h	3/02
	G 07 f	11/16
260 – 271	B 65 g	59/00
	B 65 h	3/00
	G 07 f	11/16
272 – 275	B 65 g	59/00
	B 65 h	3/00
	G 07 f	11/22
276	B 65 g	59/00
	B 65 h	3/00
	G 07 f	11/16
277	B 65 g	59/00
	B 65 h	3/00
	G 07 f	11/24
278	B 65 g	59/00
	B 65 h	3/08
279, 280	B 65 g	59/00
	B 65 h	1/08
	G 07 f	11/16
281	B 65 g	59/00
	B 65 h	1/30
282 – 287	B 65 g	59/00
	B 65 h	1/00
288	G 07 f	11/00
289 – 301	B 65 g	59/00
	B 65 h	3/30
	G 07 f	11/16
302 – 311	A 47 f	1/04
	G 07 f	11/16
312	B 65 g	59/00
	B 65 h	
	G 07 f	11/00

U.S. Class 222

Dispensing

(IPC B 67 d)

U.S. Subclass	IPC Subclass	Notation
1	B 67 b	7/00
	G 01 f	11/00
2	B 67 d	5/10
	G 07 f	13/00
3 – 6	B 67 b	7/24
0		
14 – 19	B 67 d	5/30
20	B 67 d	5/30
	G 01 f	11/12
		11/30
		11/42
21, 22	B 67 d	5/30
23	B 67 d	5/06
		5/38
24	B 67 d	5/22
25 – 29	B 67 d	5/06
		5/16
		5/22
30	B 67 d	5/24
31	B 67 d	5/22
32 – 35	B 67 d	5/26
36 – 38	B 67 d	5/22
39	B 67 d	5/32
40	B 67 d	5/32
		5/38
41 – 51	B 67 d	5/22
52 – 69	B 67 d	5/08
		5/14
70	B 67 d	5/08
	G 04 c	23/38
71 – 73	B 67 d	5/16
74, 75	B 67 d	5/12
76	B 67 d	5/06
77	G 01 g	13/00
		17/04
78	B 67 d	
79	A 63 h	3/18
80 – 88	B 67 b	7/24
89 – 91	B 67 b	7/26
92	B 65 d	35/00
		37/00
93	B 65 d	35/24
94	B 65 d	35/22
95	B 65 d	35/28
96	B 65 d	35/54
97, 98	B 65 d	35/28
99	B 65 d	35/32
100	B 65 d	35/34
101 – 104	B 65 d	35/28
105	B 65 d	35/56
106	B 65 d	35/18
		35/20
		35/40
		35/42
107	B 65 d	35/08
		35/14
		35/16
108 – 111	B 67 d	1/16
113	B 65 d	5/66
129 – 129.4	B 67 d	5/56
130 – 134	B 67 d	5/60
		5/64
135 – 142	B 67 d	5/52
142.1 – 142.9	A 47 g	19/12
		19/24
		19/30
143 – 145	B 67 d	5/60

U.S. Class 222—Con.

U.S. Subclass	IPC Subclass	IPC Notation
146	B 67 d	5/62
147	B 65 d	47/02
		49/00
	B 67 d	5/00
148–152	B 67 d	1/08
153	B 67 b	5/00
	B 67 d	5/32
154–159	B 67 d	5/38
160–172	B 67 d	5/64
173–175	B 67 d	5/64
176–178	A 01 c	15/00
179–186	B 67 d	5/06
187	B 67 d	3/00
188	B 67 d	1/08
189, 190	B 67 d	5/58
191, 192	B 67 d	5/06
193, 194	B 67 d	5/54
195	B 65 g	3/12
		69/06
	B 67 d	5/06
196–202	B 65 g	3/12
		65/70
203	B 65 g	65/72
204	B 65 g	69/00
	B 67 d	5/06
205	B 67 d	5/06
206–215	B 65 d	37/00
216–235	G 01 f	11/00
		13/00
236–242	G 01 f	11/20
243–248	G 01 f	11/14
249	G 01 f	11/04
250	G 01 f	11/06
251, 252	G 01 f	13/00
253	G 01 f	11/04
254, 255	B 67 d	5/52
256–281	G 01 f	11/00
282–343	G 01 f	11/06
		11/30
		11/36
		11/42
344–371	G 01 f	11/10
372–385	B 67 d	5/40
386–393	B 67 d	5/42
	G 01 f	11/00
394–403	B 65 d	83/00
		83/06
404–409	G 01 f	11/00
410–415	G 01 f	11/20
416	B 67 d	3/18
420–422	B 65 d	47/18
423	B 67 d	5/06
424–453	G 01 f	11/28
454–456	G 01 f	11/26
457	G 01 f	11/28
457.5	A 47 g	19/12
459	B 65 g	3/12
460–462	B 67 c	11/00
463	B 67 d	5/64
464	B 67 d	5/60
465–475	A 47 g	19/14
476, 477	B 65 d	47/00
478–489	B 67 d	3/00
490–501	B 65 d	5/72
		25/40
		35/38
502, 503	B 65 d	47/00
504–505	B 67 d	3/00
		5/06
506	B 65 d	47/20
507–540	B 67 d	3/00
		5/06
541	B 65 d	47/10
542, 543	B 67 d	3/00
		5/06
544–563	B 65 d	47/00
	B 67 d	3/00
564	B 67 d	3/00
		5/06
565	A 47 g	19/24
	B 65 d	47/00
566–575	B 65 d	5/72
		25/40
		35/38
576	B 43 l	25/00
577	B 43 l	27/00
578–582	B 43 l	25/04
583	B 43 l	25/02
584	B 43 l	25/06
585–589	B 43 l	25/02

U.S. Class 223

Apparel apparatus

(IPC A 41 h)

U.S. Subclass	IPC Subclass	IPC Notation
1	A 41 h	43/00
1.1	A 41 h	9/00
2	A 41 h	43/00
3	A 41 h	33/00
4, 6	A 41 h	43/00
7	A 42 c	1/00
8	A 42 c	3/00
10	A 42 c	1/08
11	A 42 c	1/00
12–17	A 42 c	1/04
18	A 42 c	1/08
19	A 42 c	1/00
20, 21	A 42 c	1/08
22–26	A 42 c	1/00
27	A 41 h	43/00
28–36	A 41 h	43/00
	D 06 j	1/00
37, 38	A 41 h	33/00
39–51	A 41 h	43/00
52–52.6	D 06 c	15/00
53	A 41 c	1/00
54–66	D 06 c	15/00
67	A 41 h	5/02
68–71	A 41 h	5/00
72–74	D 06 c	15/00
75–77	D 06 c	5/00
78–80	A 41 d	1/00
81–84	D 06 c	15/00
85–98	A 41 j	51/08
99–104	A 41 h	31/00
105	A 47 h	3/00
106–109	A 41 h	31/00
111, 112	A 47 j	51/06
113–117	A 41 j	51/02
118, 119	A 45 j	51/03
120	A 41 h	5/00

U.S. Class 224

Package and article carriers

(IPC A 45 f)

U.S. Subclass	IPC Subclass	IPC Notation
.5	A 45 c	
	A 65 d	
1	F 41 c	33/00
2, 3	F 41 b	13/04
4	A 45 c	11/10
	G 04 b	37/12
		37/14
5	A 45 c	1/04
	A 45 f	3/00
		5/00
5.1	A 45 b	11/02
		11/04
6	A 47 d	13/02
	A 61 g	1/00
7–12	A 45 f	3/00
13–24	A 41 f	9/00
	F 42 b	39/00
25	A 45 f	3/00
26, 27	A 45 c	1/04
28	A 44 c	5/00
29, 29.5	B 60 r	7/00
		9/00
		11/00
30–35	B 62 j	7/00
		9/00
		11/00
36	B 62 j	7/06
37–42	B 62 j	7/00
		9/00
		11/00
42.01	B 60 r	7/00
		9/00
		11/00
42.03–42.05	B 60 r	9/00
		11/00
		19/02
42.06	B 60 r	19/02
	B 62 d	43/00
42.07, 42.08	B 60 r	9/00
		11/00
		19/02
42.1, 42.11	B 60 r	9/00
		11/00
42.12, 42.3	B 62 d	43/00
42.31–42.46	B 60 r	7/00
		9/00
		11/00
43, 44	B 68 c	1/20
44.5	E 04 g	21/16
45–47	A 45 c	
	B 65 d	71/00
48	A 47 g	23/06
49–58	B 65 d	71/00

U.S. Class 225

Severing by tearing or breaking

(IPC B 26 f)

U.S. Subclass	IPC Subclass	IPC Notation
1–5	B 26 f	3/00
		3/02
	B 65 h	35/00
		35/10
6–92	B 26 f	3/02
	B 65 h	35/10
93–106	B 26 f	3/00
		3/02
	B 65 h	35/00
		35/10

U.S. Class 226

Advancing material of interminate length

(IPC B 65 h)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 65 h	17/00
2	B 65 h	23/00
3	B 65 h	23/02
4	B 65 h	23/22
5	B 65 h	
6	B 65 h	17/38
7	B 65 h	25/06
8	B 65 h	17/94
9–14	B 65 h	25/00
15–23	B 65 h	25/26
24	B 65 h	25/24
25, 26	B 65 h	25/00
27	B 65 h	23/04
28–33	B 65 h	23/18
34–36	B 65 h	23/16
37–41	B 65 h	23/18
42	B 65 h	23/22
43	B 65 h	25/32
44	B 65 h	25/04
45	B 65 h	25/02
46, 47	B 65 h	25/00
48	B 65 h	25/32
49–51	B 65 h	
52	G 03 b	1/18
53	B 65 h	17/38
54	G 03 b	1/20
55–61	G 03 b	1/28
62–73	G 03 b	1/22
74, 75	G 03 b	1/30
76–86	G 03 b	1/24
87	G 03 b	1/34
88	B 65 h	23/34
89–92	G 03 b	1/56
93–96	B 65 h	17/28
97	B 65 h	17/32
100–108	B 65 h	
109–117	B 65 h	17/42
118	B 65 h	17/42

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 226—Con.		
		17/50
119	B 65 h	17/42
120 – 143	B 65 h	17/26
144 – 151	B 65 h	17/44
152 – 157	B 65 h	17/22
158 – 167	B 65 h	17/36
168, 169	B 65 h	17/24
170 – 173	B 65 h	17/34
174 – 183	B 65 h	17/22
184	G 03 b	1/46
185 – 189	B 65 h	17/22
190 – 194	B 65 h	17/20
195	B 65 h	23/08
196	B 65 h	23/04
	G 03 b	1/48
197, 198	B 65 h	23/32
199	B 65 h	23/32
	G 03 b	1/50
200	B 65 h	27/00
U.S. Class 227		
Elongated member driving apparatus		
(IPC B 25 c)		
1 – 8	B 21 j	15/28
	B 27 f	7/06
9	B 25 c	1/08
10	B 25 c	1/12
		1/14
11	B 25 c	1/18
12 – 14	B 25 c	1/00
15 – 18	A 41 h	37/04
	B 25 c	7/00
	B 42 b	5/02
19	B 31 b	1/00
20	B 31 b	1/68
		3/60
		5/60
		7/60
		9/60
		11/60
		13/60
		15/60
		17/60
		19/60
		21/60
		23/60
		27/60
		29/60
		31/60
		33/60
		35/60
		39/60
		41/60
		57/60
21 – 24	B 31 b	1/68
25	B 27 f	7/06
26	B 27 f	4/00
27	B 27 f	7/00
28, 29	A 43 b	21/36
		21/52
30	B 27 f	7/00
31 – 38	A 41 h	37/00
39, 40	B 27 f	9/00
	B 27 m	3/34
	B 31 b	13/60
41, 42	A 43 d	7/02
	B 27 f	7/02
43, 44	B 27 f	7/02
45	B 27 f	7/02
	B 31 b	13/02
46	B 27 f	7/02
47	B 27 f	7/02
	B 31 b	13/14
48	B 27 f	7/02
	B 42 b	3/00
	B 42 c	1/12
49	B 27 f	7/02
50	B 27 f	7/02
	B 42 d	3/00
51 – 62	B 21 j	15/10
63	B 25 c	11/00
64	B 21 d	
65	B 27 f	7/00
66	B 27 f	7/00
67 – 75	A 43 d	69/00
76 – 78	B 25 c	
	B 27 f	7/00
79, 80	A 43 d	61/00
81	B 27 f	7/06
82 – 87	B 25 c	5/04
		5/08
88 – 91	B 25 c	3/04
		5/04
		5/08
92	B 21 d	13/02
		13/04
93 – 98	A 43 d	69/12
	B 27 f	7/00
99 – 106	B 25 c	5/00
	B 27 f	7/00
107	B 25 c	3/00
		5/00
	B 27 f	7/00
	B 31 b	1/70
108	B 25 c	5/02
		5/04
		5/06
		5/08
	B 27 f	7/00
	B 31 b	1/70
109 – 128	B 25 c	5/02
		5/06
	B 27 f	7/00
129	B 25 c	5/00
		5/10
		5/12
		5/14
	B 27 f	7/00
130	B 25 c	1/04
		5/02
		5/06
131 – 133	B 25 c	1/00
		5/02
		5/06
	B 27 f	7/00
134	B 25 c	5/02
		5/06
	B 27 f	7/00
135 – 139	B 25 c	5/02
		5/06
		5/16
	B 27 f	7/00
140 – 155	B 25 c	7/00
156	B 25 c	
	B 27 f	
U.S. Class 228		
Metal fusion bonding apparatus		
(IPC B 23 k)		
1	B 23 k	1/06
		5/20
2	B 23 k	27/00
3	B 23 k	21/00
	B 23 p	3/02
4	B 23 k	1/00
		37/04
5	B 23 k	1/20
6 – 12	B 23 k	1/00
		5/00
13	B 23 k	1/20
14	B 23 k	1/00
		5/00
15 – 17	B 23 k	1/20
18	B 23 k	1/00
		5/00
19 – 23	B 23 k	1/00
		5/22
24	B 23 k	19/00
25 – 33	B 23 k	1/00
		5/00
34	B 23 k	1/00
		5/22
35	B 23 k	1/00
		5/00
36 – 38	B 23 k	1/08
39	B 23 k	1/08
		37/06
40	B 23 k	1/08
41 – 43	B 23 k	1/00
		5/00
44	B 23 k	19/00
45	B 23 k	37/02
46	B 23 k	1/00
		5/22
47, 48	B 23 k	37/04
49	B 23 k	1/14
		37/04
50	B 23 k	5/22
		9/02
51	B 23 k	3/02
52	B 23 k	3/06
53	B 23 k	3/04
54, 55	B 23 k	3/02
56	B 23 k	3/06
		35/14
56.5	B 23 k	5/22
57	B 23 k	1/00
		5/00
58	B 23 k	1/12
59	B 23 k	5/22
		37/00
60	B 23 k	1/22
		5/00
U.S. Class 229		
Paper receptacles		
(IPC B 65 d)		
1.5	B 65 d	3/00
2.5	B 65 d	1/00
3.1	B 65 d	5/40
		5/56
		5/62
		25/14
3.5	B 65 d	1/00
		3/00
		5/00
		13/00
4.5	B 65 d	3/00
5.5 – 5.7	B 65 d	3/10
		5/00
		13/00
5.8	B 65 d	1/00
6	B 65 d	1/00
		5/00
		13/00
		15/00
		25/00
7	B 65 d	1/08
		3/00
		5/00
		17/00
		39/00
		41/00
		43/00
		47/00
		83/00
8	B 65 d	1/00
		3/00
		5/00
8.5	A 45 c	1/12
	A 63 h	33/30
9 – 11	B 65 d	5/38
		13/06
0		
14	B 65 d	5/40
		5/56
		5/58
		5/60
		5/62
		25/14
15	B 65 d	1/36
		3/24
		5/48
		81/00
		85/00
16	B 65 d	5/00
17	B 65 d	5/72

U.S. Class 229—Con.

U.S. Subclass	IPC Subclass	IPC Notation
18	B 65 d	21/02
19–20	B 65 d	5/38
21	B 65 d	3/04
22	B 65 d	5/00
23	B 65 d	13/00
24	B 65 d	5/42
25	B 65 d	5/64
26	B 65 d	5/34
27–29	B 65 d	5/48
30	B 65 d	5/20
31	B 65 d	5/24
32	B 65 d	5/26
33, 34	B 65 d	5/22
35	B 65 d	5/26
36	B 65 d	5/22
37	B 65 d	5/02
38	B 65 d	5/08
39	B 65 d	5/10
40	B 65 d	5/02
41	B 65 d	5/36
42	B 65 d	5/48
43	B 65 d	5/64
		43/00
44	B 65 d	5/66
45	B 65 d	45/00
46	B 65 d	45/32
47	B 65 d	45/16
48	B 65 d	5/42
49–50	B 65 d	5/42
		57/00
		61/00
51	B 65 d	5/54
		5/70
		17/00
52	B 65 d	5/46
		25/22
		25/28
53–54	B 65 d	31/00
		33/00
55	B 65 d	33/02
56	B 65 d	31/12
57–61	B 65 d	33/00
62	B 65 d	33/16
62.5	B 65 d	31/14
63	B 65 d	33/28
64–65	B 65 d	33/16
66	B 65 d	33/00
67	B 65 d	1/12
		3/04
		5/02
		13/04
		15/02
68	B 65 d	27/00
69	B 65 d	27/10
70	B 65 d	27/00
71	B 65 d	27/04
72	B 65 d	27/08
73	B 65 d	27/06
74–75	B 65 d	27/00
76	B 65 d	27/12
77	B 42 f	1/00
	B 65 d	27/12
78	B 65 d	27/26
79	B 65 d	27/30
80	B 65 d	27/14
81	B 65 d	27/34
82	B 65 d	27/22
83	B 65 d	27/30
84	B 65 d	27/22
85	B 43 m	5/00
		7/00
	B 65 d	27/32
86	B 65 d	27/38
87	B 65 d	65/00
		75/00
87.2	B 65 d	65/04
		75/06
87.5	B 65 d	75/24
		75/34
88	B 65 d	31/00
		65/00
		75/00
89–91	B 65 d	65/00
		75/00
		85/00
92	B 65 d	65/00
92.1–92.7	B 65 d	27/00
92.8	B 42 d	15/00
92.9	B 65 d	85/54
93	B 65 d	3/04

U.S. Class 230

Gas pumps and fans

(IPC F 04 b)

U.S. Subclass	IPC Subclass	IPC Notation
1	F 04 b	37/00
2	F 04 b	49/00
3	F 04 b	
4, 5	F 04 b	49/00
6	F 04 b	35/04
		49/06
7–12	F 04 b	49/00
13–18	F 04 b	49/02
19–31	F 04 b	
32–34	B 60 c	23/10
	F 04 b	35/00
35	B 60 c	23/12
	F 04 b	35/00
36	B 60 c	23/10
	F 04 b	35/00
37	F 04 b	
38, 39	B 60 c	23/14
	F 04 b	35/00
40	F 04 b	39/00
41	F 04 b	39/00
		41/04
42	F 04 b	39/00
	F 04 d	29/50
43	F 04 b	37/18
44, 45	F 04 b	41/06
	F 04 d	25/16
46	F 04 b	41/00
47	F 04 c	29/00
	F 04 d	25/00
48, 49	F 04 b	35/00
50	F 04 b	35/02
51–54	F 04 b	35/00
55	F 04 b	35/04
56	F 02 b	71/06
	F 04 b	31/00
57	F 04 b	35/00
58	F 04 b	35/04
59–68	F 04 b	35/00
69	F 04 b	37/02
	F 04 f	
70–78	F 04 f	11/00
79	F 04 c	19/00
	F 04 f	11/00
80–91	F 04 f	11/00
92	F 04 f	5/00
93	F 04 f	5/54
95–100	F 04 f	5/16
		5/48
101, 102	F 04 f	9/00
103	F 04 f	5/16
		5/46
104	F 04 f	5/16
105, 106	F 04 f	5/00
107	F 04 f	5/38
108, 109	F 04 f	5/44
110	F 04 f	5/46
111, 112	F 04 f	5/48
113	F 04 d	23/00
114	F 04 d	27/00
115	F 04 d	27/02
116	F 04 d	25/02
117	F 04 d	25/06
		25/08
118	F 04 b	19/16
119	F 04 d	25/16
120, 121	F 04 d	19/00
122	F 04 d	19/02
123	F 04 d	19/00
124	F 04 d	17/00
125–129	F 04 d	17/08
130, 131	F 04 d	17/12
132	F 04 d	29/00
133	F 04 d	29/40
134, 135	F 04 d	29/26
136	F 04 b	37/00
137	F 04 c	17/00
138	F 04 c	29/08
		29/10
139	F 04 c	23/02
140	F 04 c	17/00
141, 142	F 04 c	17/04
143	F 04 c	17/04
144	F 04 c	17/18
145–148	F 04 c	17/02
149–157	F 04 c	17/00
158	F 04 c	23/00
159	F 04 b	21/00
160–167	F 04 b	45/00
168, 169	F 04 b	45/06
170, 171	F 04 b	45/04
172, 173	F 04 b	39/00
174–176	F 04 b	29/00
177	F 04 b	25/00
		27/04
178	F 04 b	25/04
		27/08
179	F 04 b	39/08
180	F 04 b	27/02
181, 182	F 04 b	25/00
183	F 04 b	25/00
184	F 04 b	27/00
185	F 04 b	27/02
186	F 04 b	27/08
187	F 04 b	27/04
188, 189	F 04 b	39/00
190–192	F 04 b	39/10
193	F 04 b	27/08
		39/10
194	F 04 b	27/04
		39/10
195–197	F 04 b	39/10
198–201	F 04 b	25/00
202	F 04 b	39/00
	F 04 c	29/00
	F 04 d	29/00
203	F 04 b	39/00
204	F 04 d	29/08
205	F 04 c	27/00
206	F 04 b	39/02
207	F 04 c	29/02
	F 04 d	29/06
208	F 04 b	39/06
209	F 04 d	29/58
210	F 04 c	29/04
211–213	F 04 b	39/06
214	F 04 b	33/00
215	F 04 c	29/00
	F 04 d	25/02
216	B 60 c	23/10
	F 04 b	35/00
217	F 04 b	35/00
218	F 04 b	33/00
219	F 04 b	35/00
220	F 04 b	33/00
221	F 04 b	39/10
222–226	F 04 b	39/08
227–231	F 04 b	39/10
232, 233	F 04 b	39/00
234	F 04 b	39/12
	F 04 d	29/40
235, 236	F 04 b	39/00
237	F 04 b	39/00
238	F 04 b	39/12
239	F 04 b	39/00
	F 04 c	29/00
	F 04 d	29/00
240	F 04 d	23/00
241	F 04 d	25/00
242	A 47 c	21/00
243	A 47 c	7/72
244	A 47 h	33/00
245–247	F 04 b	39/00
	F 04 d	29/00
248	O 05 b	71/00
		81/00
249	B 60 h	1/24
		3/00
249.5	F 04 d	25/00
250	F 04 d	25/16
251	F 04 d	23/00
252	F 04 d	17/00
		19/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 230—Con.		
253–257	F 04 d	25/10
258, 259	F 04 d	25/08
260	F 04 d	25/10
261	F 04 d	19/00
262–264	F 04 c	21/00
265	F 04 d	25/00
266–269	A 45 b	27/00
270	F 04 d	25/14
		27/00
271	F 04 d	27/00
272	F 04 d	29/00
273	F 04 d	29/60
274	F 04 d	29/44
		29/54
275	F 04 d	29/70

U.S. Class 231

Whips and whip apparatus

(IPC B 65 b)

1	B 68 f	1/00
2–6	B 68 b	11/00

U.S. Class 232

Deposit and collection receptacles

(IPC B 65 d)

1	B 65 d	91/00
2, 3	G 07 c	13/02
4–6	A 47 g	29/00
7–16	G 07 b	15/00
17, 18	B 65 d	91/00
19–23	A 47 g	29/12
24–39	B 65 d	91/00
41–43	A 47 g	29/14
43.1–43.5	B 65 d	91/00
44–63	B 65 g	11/04
64–66	G 07 d	1/00

U.S. Class 233

Centrifugal book separators

(IPC B 04 b)

1	B 01 d	21/26
		43/00
		45/12
	B 04 b	
2	B 04 b	3/00
		7/16
3, 4	B 04 b	1/00
		3/00
		5/00
5	B 04 b	1/00
		3/06
6–10	B 04 b	1/00
		3/00
		5/00
11, 12	B 04 b	15/02
13	B 04 b	15/08
14, 15	B 04 b	15/02
16	B 04 b	1/00
		3/00
		7/04
		11/00
17	B 04 b	5/02
18	B 04 b	11/02
19–22	B 04 b	11/00
23	B 04 b	9/00
24	B 04 b	9/02
		9/06
25	B 04 b	9/08
26	B 04 b	9/12
		9/14
27	B 04 b	1/00
		3/00
28–44	B 04 b	1/00
		3/00
		7/00
		11/00
45, 46	B 04 b	11/00
47	B 04 b	11/00
		15/00

U.S. Class 234

Selective cutting e.g., punching

(IPC G 06 k)

1–3	G 06 k	1/00
4–12	G 06 k	15/00
13–21	G 06 k	1/18
22–34	G 06 k	1/04
		1/14
35–37	G 06 k	1/20
38–40	G 06 k	1/02
41–58	G 06 k	1/00
59–83	G 06 k	1/04
		1/14
84–94	G 06 k	1/08
		1/10
95–131	B 26 f	1/04
	G 06 k	1/08
		1/10

U.S. Class 235

Registers

(IPC G 06)

1	G 06	
	G 07	
2	G 07 g	1/00
3	G 07 g	5/00
4–28	G 07 g	1/00
29	G 07 b	15/00
30	G 07 b	13/00
31	G 07 b	3/00
32–49	G 07 b	15/00
50–56	G 07 c	13/00
57	G 07 c	13/02
58–60.52	G 06 c	29/00
	G 06 k	
61	G 06	
61.1	G 06 k	1/00
61.11	G 06 k	7/00
61.12	G 06 k	19/00
		21/00
61.5	F 41 g	
	G 06 f	15/58
	G 06 g	7/80
61.6	G 06 k	
61.7	G 06 k	
61.8	G 06 k	
61.9	G 06 k	1/12
		3/00
62–63	G 06 c	23/00
64	B 43	
ki0629/08		
64.3	G 06 c	19/02
64.7	G 06 c	3/00
65–69	G 06 c	27/00
70	G 06 g	1/02
71–83	G 06 c	27/00
84	G 06 g	1/02
85–89	G 06 c	3/00
90	A 63 f	1/18
91	G 06 m	1/00
92	G 06 f	7/38
	G 06 g	7/00
93	G 07 c	9/00
94	B 67 d	5/22
95–97	G 01 c	22/00
98	B 61 l	1/16
	G 06 m	7/00
99–101	G 07 g	1/00
102	B 41 j	9/24
103–104	G 06 m	
105	G 01 c	22/00
106–122	G 06 c	27/00
123	A 44 c	23/00
	A 63 b	71/06
	A 63 f	1/18
	G 06 c	1/00
124	G 01 d	13/22
125	G 01 d	13/06
127	A 63 b	71/06
	A 63 d	15/20
	A 63 f	1/18
128	G 07 g	3/00
130, 131	G 06 c	25/00
132	G 06 f	15/18
133–143	G 06 c	7/10
		9/00
		15/26
144	G 06 c	15/42
145, 146	G 06 c	7/02
		25/00
	G 06 d	
150	G 06 f	
150.1	G 06 f	15/18
150.2	G 06 f	15/50
	G 06 g	7/70
		7/78
150.21	G 06 f	15/50
	G 06 g	7/70
150.22	G 06 f	15/50
	G 06 g	7/70
		7/78
150.23	G 06 f	15/48
	G 06 g	7/76
		7/78
150.24	G 06 f	15/48
	G 06 g	7/76
		7/78
150.25	G 06 f	15/50
	G 06 g	7/70
		7/78
150.26	G 06 f	15/50
	G 06 g	7/70
		7/78
150.261	G 06 f	15/50
	G 06 g	7/70
		7/78
150.27	G 06 f	15/50
	G 06 g	7/70
		7/78
150.271	G 06 f	15/50
	G 06 g	7/22
		7/70
		7/78
150.272	G 06 f	15/50
	G 06 g	7/24
		7/70
		7/78
150.3	G 06 f	15/20
150.31	G 06 f	15/32
		15/34
150.4	G 06 g	7/28
		7/30
		7/32
150.5	G 06 j	
150.51	G 06 g	7/18
	G 06 j	1/02
150.52	G 06 g	7/16
	G 06 j	1/02
150.53	G 06 g	7/26
	G 06 j	
151	G 06 f	15/20
	G 06 g	7/48
151.1	G 06 f	15/46
	G 06 g	7/48
151.11	G 06 f	15/46
	G 06 g	7/64
151.12	G 06 f	15/46
	G 06 g	7/58
151.13	G 06 f	15/46
	G 06 g	7/48
151.2	G 06 f	15/56
	G 06 g	7/50
151.21	G 06 f	15/56
	G 06 g	7/62
151.22	G 06 f	15/20
	G 06 g	7/48
151.3	G 06 f	15/20
151.30	G 06 g	7/48
151.31	G 06 f	15/20

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 235—Con.		
	G 06 g	7/62
151.32	G 06 f	15/20
	G 06 g	7/78
151.33	G 06 f	15/20
	G 06 g	7/48
151.34	G 06 f	15/20
		15/56
	G 06 g	7/50
		7/57
151.35	G 06 f	15/20
	G 06 g	7/48
152	G 06 f	
153	G 06 f	11/00
154	G 06 f	5/00
155	G 06 f	5/02
156	G 06 f	7/38
157	G 06 f	9/00
158	G 06 f	7/38
159	G 06 f	7/38
160	G 06 f	7/44
161	G 06 f	7/44
162	G 06 f	7/44
163	G 06 f	7/38
164	G 06 f	7/38
165	G 06 f	7/38
		9/06
166	G 06 f	7/56
		9/06
167	G 06 f	7/38
		9/06
168	G 06 f	7/385
		7/50
		57/42
169	G 06 f	5/02
		7/385
		7/50
		57/42
170	G 06 f	5/04
		7/385
		7/42
		7/50
171	G 06 f	7/56
172	G 06 f	7/385
		7/42
		7/50
173	G 06 f	5/04
		7/385
		7/42
		7/50
174	G 06 f	5/02
		7/385
		7/42
		7/50
175	G 06 f	5/02
		7/385
		7/42
		7/50
176	G 06 f	5/04
		7/385
		7/50
177	G 06 f	7/02
		7/385
		7/42
		7/50
178	G 06 g	7/00
179	G 06 g	7/00
180	G 06 g	7/34
		7/36
181	G 06 f	15/34
	G 06 g	7/19
182	G 06 g	7/38
183	G 06 g	7/18
184	G 06 g	7/48
185	G 06 g	7/48
		7/50
		7/62
186	G 06 g	7/22
189	G 06 g	7/22
190	G 06 g	7/22
191	G 06 g	7/22
192	G 06 g	7/22
193	G 06 g	7/00
193.5	G 06 g	7/20
194	G 06 g	7/16
195	G 06 g	7/16
196	G 06 g	7/16
197	G 06 f	15/34
	G 06 g	7/26
		7/28
198	G 06 f	15/34
	G 06 g	7/26
		7/28
200–201	G 06 d	
	G 06 m	1/12

U.S. Class 236

Automatic temperature and humidity regulation

(IPC G 05 d)

	G 05 d	23/12
1	F 23 n	
	G 05 d	23/00
2–5	A 01 k	41/00
3	A 01 g	23/10
6	A 01 k	31/18
7	D 06 f	75/00
8	F 23 n	3/00
	G 05 d	23/00
9–11	F 23 n	
12, 13	G 05 d	23/00
14	F 23 n	1/08
15	F 23 n	1/00
	G 05 d	23/00
17	F 28 b	11/00
	F 28 f	27/00
	G 05 d	15/00
18	F 28 f	27/00
	G 05 d	23/12
19	F 28 f	27/00
	G 05 d	23/08
20	F 23 n	1/08
	G 05 d	15/00
		23/00
21	F 22 b	37/42
	F 23 n	5/24
22–25	F 22 b	35/00
	F 28 f	27/00
26–28	F 22 b	35/00
	G 05 d	15/00
29	F 22 b	35/00
	G 05 d	15/00
30	F 22 b	35/00
	G 05 d	15/00
31	F 22 b	35/00
	G 05 d	15/00
32	F 22 b	35/00
	G 05 d	23/12
33	F 22 b	35/00
	G 05 d	23/02
34–35	F 01 p	7/02
35.2–35.3	F 01 p	7/10
36, 37	F 24 p	11/00
	F 28 f	27/00
38	F 24 f	11/04
	F 28 f	27/00
39	F 16 t	1/00
	F 24 f	11/00
40	F 24 f	11/00
41	F 16 t	1/00
	F 24 f	11/00
42, 43	F 24 f	11/00
44	B 01 f	3/02
	G 05 d	21/00
45	F 23 n	3/00
46	F 23 n	5/20
	G 05 d	23/00
47	G 05 d	23/00
48	G 05 d	23/10
49	F 24 f	7/00
50, 51	G 05 d	23/00
52	G 05 d	15/00
53, 54	F 16 t	1/02
55	F 16 t	1/20
56–58	F 16 t	1/02
59	F 16 t	1/04
		1/08
60	F 16 t	1/06
61	F 16 t	1/44
62–66	F 16 t	1/44
67	G 05 d	15/00
		23/00
68	G 05 d	15/00
		23/00
69	G 05 d	15/00
		23/22
70	G 05 d	23/22
71, 72	G 05 d	15/00
		23/00
73	G 05 d	15/00
		23/00
74–78	G 05 d	15/00
79–84	G 05 d	23/00
85	G 05 d	15/00
86–91	G 05 d	23/00
92	G 05 d	27/00
93, 94	G 05 d	23/00
95	F 23 n	1/00
		5/06
96	F 23 n	1/00
		5/04
97	G 05 d	23/00
98	G 05 d	23/00
99, 100	G 05 d	23/12
101–103	G 05 d	23/02
104	F 23 n	1/00
		5/02

U.S. Class 237

Heating systems

(IPC F 24 d)

1	F 24 d	
2	G 05 d	23/00
3, 4	A 01 k	31/20
		41/02
5, 6	B 60 h	1/00
	B 61 d	27/00
7	F 24 h	3/06
8	F 24 d	3/00
9, 10	F 24 d	1/00
11	F 24 d	5/00
12	F 24 d	
12.1	B 60 h	1/02
	F 24 d	1/04
		5/00
12.2, 12.3	B 60 h	1/02
12.4	B 61 d	27/00
12.5, 12.6	B 60 h	1/02
	B 61 d	27/00
12.7	B 60 h	1/06
	B 61 d	27/00
12.8	B 61 d	27/00
13	F 24 d	
14, 15	A 01 k	31/20
		41/02
16–18	F 24 h	3/06
19	F 24 d	3/08
	F 24 h	1/22
28	B 60 h	1/00
	B 61 d	27/00
29–33	B 60 h	1/22
34–36	B 60 h	1/22
	F 24 d	3/00
37–39	B 60 h	1/22
	B 61 d	27/00
40, 41	B 60 h	1/22
	F 24 d	1/00
42, 43	B 60 h	1/22
	B 61 d	27/00
44	B 60 h	1/20
	F 24 d	11/00
45	B 60 h	1/22
46–49	F 24 f	7/00
50	F 24 d	5/00
51, 52	F 24 b	1/18
		7/00
	F 24 d	5/00
53	F 24 d	5/00
54, 55	F 24 b	7/00
56–62	F 24 d	3/00
63, 64	F 24 d	3/02
65	F 24 d	3/00
66	F 24 d	3/10

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 237—Con.		
67, 68	F 24 d	1/00
69	F 24 d	5/10
	F 24 h	9/08
70 – 74	F 24 h	3/00
75	F 24 h	7/00
76, 77	F 24 h	3/00
78	F 24 f	3/14
		5/00
79	F 24 h	9/04
80	E 03 b	7/10
81	F 24 d	
U.S. Class 238		
Railways surface track		
(IPC E 01 b)		
1	E 01 b	
2 – 9	E 01 b	1/00
		21/00
		25/28
	E 01 c	9/00
10 – 14	E 01 b	23/00
14.05 – 14.15	B 60 m	
	E 01 b	11/54
15, 16	E 01 b	5/00
17 – 23	E 01 b	5/18
24 – 26	E 01 b	3/12
		3/22
		3/38
27, 28	E 01 b	3/00
		7/22
		29/06
29 – 108	E 01 b	3/00
		9/14
		21/04
		31/20
109 – 120	E 01 b	3/14
		3/24
		3/40
121 – 150	E 01 b	5/00
		13/00
151 – 263	E 01 b	11/00
264 – 286	E 01 b	9/38
287 – 309	E 01 b	3/12
		3/22
		3/38
		3/48
310 – 378	E 01 b	9/00
		13/00
		21/04
		29/24
379 – 381	E 01 b	15/00
382	E 01 b	19/00
U.S. Class 239		
Fluid sprinkling, spraying and defusing		
(IPC B 05 b)		
1	A 26 c	1/06
	B 05 b	17/00
	B 44 d	1/08
2	A 01 g	15/00
	E 01 h	13/00
3	A 01 g	23/10
	B 05 b	5/02
4	B 05 b	17/04
5	F 02 d	1/06
		7/00
6	A 61 l	9/04
7	B 05 b	17/04
8	A 01 n	17/02
	A 62 c	1/12
9, 10	A 62 c	1/12
11, 12	B 05 b	17/04
13	B 05 b	1/24
		17/04
14	A 01 g	15/00
	E 01 h	13/00
15	B 05 b	5/00
	F 23 d	11/28
16	E 03 b	9/20
17	B 05 b	17/08
18 – 20	F 21 p	7/00
21 – 23	B 05 b	17/08
24 – 32	E 03 b	9/20
33	F 16 l	9/00
		11/00
34 – 60	A 24 f	25/00
	A 61 l	9/04
61, 62	B 05 b	7/00
63 – 65	A 01 g	25/00
		27/00
	B 05 b	17/04
66	A 01 g	25/02
67 – 70	A 01 g	27/00
71 – 73	B 67 d	5/08
74	B 67 d	5/38
75	A 62 c	37/00
		37/34
76	B 05 b	15/00
77, 78	A 01 n	17/08
79, 80	B 44 d	3/56
81	B 44 d	3/64
82	B 44 d	3/56
83, 84	B 44 d	3/58
85	B 44 d	3/60
86	F 02 m	55/00
87	F 02 m	49/02
88 – 92	F 02 m	47/02
93 – 95	F 02 m	45/10
96	F 02 m	41/16
97, 98	B 05 b	3/00
99	B 05 b	1/08
100	B 05 b	9/06
101	B 05 b	1/08
102	B 05 b	3/14
103, 104	B 05 b	1/28
105	B 05 b	1/28
		15/04
106	B 05 b	15/02
	F 23 d	11/34
		13/28
107 – 119	B 05 b	15/02
	F 23 d	11/34
		13/28
120 – 122	B 05 b	1/28
123	B 05 b	15/02
	F 23 d	13/28
124 – 127	B 05 b	9/00
127.1, 127.3	B 64 d	33/04
128	B 05 b	1/24
	B 44 d	3/42
	F 23 d	13/42
129 – 132.1	B 05 b	1/24
132.3, 132.5	B 05 b	15/00
133, 134	B 05 b	1/24
135, 136	B 05 b	1/24
	B 44 d	3/42
137, 138	B 05 b	1/24
139	B 05 b	1/24
	B 44 d	3/42
140 – 144	B 05 b	9/00
145	A 01 g	27/00
146	B 05 b	9/02
147 – 149	B 05 b	9/00
150	B 05 b	1/28
151	B 05 b	1/28
		15/04
152 – 154	A 62 c	15/00
	B 05 b	9/08
155 – 158	B 05 b	9/06
159	B 05 b	1/20
160 – 162	B 05 b	3/02
		3/14
163 – 169	B 05 b	1/20
170	B 05 b	1/16
171	B 05 b	17/02
	B 64 d	1/18
172	E 01 c	19/16
	E 01 h	3/02
173, 174	E 01 h	11/00
175	B 05 b	9/00
176	B 05 b	1/20
177	B 05 b	3/00
178	B 05 b	3/18
179	B 05 b	3/00
180, 181	B 05 b	3/18
182, 183	B 05 b	3/00
184 – 187	B 05 b	3/18
188 – 190	B 05 b	3/00
191, 192	B 05 b	3/18
193, 194	B 05 b	1/36
195 – 199	B 65 h	75/00
200, 201	A 01 g	25/06
202	E 01 h	3/04
203 – 205	B 05 b	15/10
206 – 208	B 05 b	3/00
		15/10
209	B 05 b	15/06
210	B 05 b	3/00
		15/06
211	B 05 b	1/00
212, 213	A 01 g	25/02
	B 05 b	15/06
214 – 218.5	B 05 b	3/02
	F 23 d	11/04
219 – 221	F 23 d	11/04
222 – 222.15	B 05 b	3/02
	F 23 d	11/04
222.17 – 222.21	B 05 b	3/04
223, 224	B 05 b	3/10
	B 44 d	5/10
	F 23 d	11/04
225 – 229	B 05 b	3/00
230	B 05 b	3/02
		3/14
231 – 236	B 05 b	3/08
237, 238	B 05 b	3/04
239	B 05 b	3/16
240, 241	B 05 b	3/04
242	B 05 b	3/16
243 – 249	B 05 b	3/00
251 – 262	B 05 b	3/06
263	B 05 b	3/04
		3/16
264, 265	B 05 b	3/00
265.11	B 63 h	11/00
	B 64 d	33/04
265.13, 265.15	B 64 d	33/04
265.17	B 63 h	25/46
	B 64 c	15/10
265.19	B 63 h	11/10
	B 64 c	15/00
265.23	B 63 h	25/46
	B 64 c	15/10
265.25	B 64 c	15/04
		15/10
265.27 – 265.35	B 64 c	15/04
265.37	B 64 c	9/38
265.39 – 265.43	B 64 c	15/06
266 – 269	A 01 g	25/02
	B 05 b	1/20
270	A 62 c	23/06
271, 272	A 62 c	
273	B 05 b	15/06
274	A 62 c	31/28
	B 05 b	15/00
	B 62 d	137/50
	B 64 d	15/10
275	B 05 b	15/06
276	A 62 c	31/22
279	B 05 b	15/06
280	A 62 c	31/24
280.5 – 283	B 05 b	15/06
284	B 05 b	1/10
	B 60 s	1/46
285	B 05 b	15/06
286, 287	B 05 b	9/02
288 – 288.5	B 05 b	1/28
		15/04
289	B 05 b	15/00
		17/00
290 – 301	B 05 b	1/28
302	A 62 c	13/52
		35/18
303, 304	A 62 c	13/60
		31/30
305	A 62 c	31/00
306, 307	A 62 c	13/60

U.S. Class 239—Con.

U.S. Subclass	IPC Subclass	IPC Notation
		31/30
308	A 62 c	13/32
		13/34
309	A 62 c	13/40
310	A 62 c	5/02
	B 05 b	7/26
311	A 62 c	5/04
312	B 05 b	9/00
313	B 05 b	7/32
314–317	B 05 b	7/26
		7/28
318	B 05 b	7/30
319	B 05 b	9/00
320–324	B 05 b	9/04
325	B 05 b	7/14
326	B 05 b	9/00
327	B 65 d	1/32
328	B 27 c	27/00
329, 330	A 62 c	11/00
331	A 62 c	11/02
	B 05 b	9/04
332	B 05 b	9/04
333, 334	A 62 c	11/02
335	A 62 c	11/06
336	B 05 b	7/14
337	B 05 b	7/32
	F 23 d	13/04
338	A 61 m	11/06
339	B 05 b	7/04
340	A 62 c	13/48
	B 05 b	7/30
341–352	B 05 b	7/30
353	B 05 b	7/30
	F 23 d	13/38
354	B 05 b	7/30
355–363	A 62 c	11/04
364–371	A 61 m	11/02
372	A 62 c	13/26
373	A 61 m	11/02
	B 05 b	9/04
374–378	A 01 g	25/14
379	B 05 b	9/00
380	B 05 b	1/34
381	B 05 b	3/04
		3/16
382	B 05 b	3/16
383, 389	B 05 b	1/34
390–397	A 62 c	31/02
397.5	B 05 b	15/00
398	A 62 c	5/16
		31/30
	B 05 b	7/04
	F 23 d	11/36
		13/40
399–406	B 05 b	7/10
407–413	B 05 b	7/12
414, 415	F 23 d	13/38
416–417.5	B 05 b	7/12
418	F 23 d	11/10
		13/40
		15/00
419–420	F 23 d	11/16
		13/40
		15/00
421	F 23 d	11/10
		13/40
		15/00
422	F 23 d	11/16
423	F 23 d	11/10
424–425.5	B 05 b	7/06
426	B 05 b	7/08
427–428	B 05 b	7/06
428.5	E 03 c	1/08
429–432	B 05 b	7/06
433–434.5	B 05 b	7/04
435	B 05 b	15/00
436–449	A 62 c	31/00
450	B 05 b	15/00
451–460	B 05 b	1/32
461	B 05 b	1/26
		1/34
462	B 05 b	1/14
463–497	B 05 b	1/34
498–524	B 05 b	1/26
525, 526	B 05 b	7/02
527, 528	B 05 b	7/02
	F 23 d	13/38
529, 530	B 05 b	9/08
531, 532	B 05 b	15/06
533–535	B 05 b	1/30
536	B 05 b	1/14
537–541	B 05 b	1/32
542	B 05 b	15/00
543	B 05 b	1/26
	F 23 d	11/36
544, 545	B 05 b	1/26
546, 547	B 05 b	15/00
548	A 62 c	31/10
		37/08
	B 05 b	1/14
	E 21 f	5/04
	F 23 d	13/26
549	B 05 b	7/08
550–553	B 05 b	1/14
553.3	B 05 b	1/14
	F 23 d	13/44
553.5–561	B 05 b	1/14
562–564	A 62 c	37/20
565	B 05 b	1/14
566	B 05 b	1/20
567	B 05 b	1/18
568	B 05 b	1/14
569–586	B 05 b	1/30
587, 588	B 05 b	15/08
589	A 01 q	25/04
	A 62 c	31/02
	B 05 b	1/00
	F 23 d	13/26
590	B 05 b	1/14
	F 23 d	13/44
590.3	B 05 b	1/14
	F 23 d	13/44
590.5	B 05 b	1/14
591	B 05 b	1/00
592–595	B 05 b	1/04
596–600	B 05 b	1/00
601	A 62 c	31/02
		31/04
602	B 05 b	1/00
650, 651	A 01 c	3/06
		7/08
		15/00
	E 01 c	19/20
652	A 01 c	7/02
		15/02
653	A 01 c	3/06
		7/08
		15/00
654, 655	A 01 c	3/06
		15/04
656	A 01 c	7/06
657–661	A 01 c	3/06
		7/00
		15/00
		19/00
	E 01 c	19/20
662	A 01 c	23/00
663, 664	A 01 c	3/06
		7/00
		15/00
		19/00
	E 01 c	19/20
665–669	A 01 c	17/00
		19/00
670	A 01 c	19/00
	E 01 c	19/20
671–680	A 01 c	19/00
	E 01 c	19/20
681–688	A 01 c	17/00
689	A 01 c	3/06
	E 01 c	19/20

U.S. Class 240

Illumination

(IPC F 21)

U.S. Subclass	IPC Subclass	IPC Notation
1	F 21	
1.1	F 21 v	9/02
1.2	B 64 f	1/20
1.3	G 03 b	15/02
1.4	A 61 g	13/00
	F 21 v	33/00
2	F 21 v	33/00
2.1	G 01 d	11/28
2.12	G 11 b	1/04
2.13	E 05 b	17/10
2.14	D 05 b	79/00
2.17	H 04 m	1/22
2.18	F 21 l	1/00
		25/00
2.25	F 21 v	9/16
3	F 21 p	5/00
3.1	F 21 p	5/04
4	A 47 b	97/00
	F 21 v	33/00
4.1	A 47 b	97/00
	F 21 v	33/00
4.2	F 21 v	33/00
5	F 21 v	33/00
	F 24 c	15/00
6	A 47 f	11/10
6.4	F 21 v	33/00
6.41	F 41 g	1/34
6.42	F 21 v	33/00
6.43	G 04 b	19/30
	G 04 c	17/02
6.44	G 01 c	9/32
6.45	A 45 c	15/06
6.46	B 43 k	29/10
	F 21 v	33/00
7.1	B 60 q	1/00
		3/00
7.12	B 60 q	1/04
		1/56
7.15	B 60 q	1/04
		1/26
7.2	B 60 q	1/32
7.25	B 60 q	1/24
		1/26
7.3	B 60 q	1/00
		1/26
7.35	B 60 q	3/02
7.4	B 60 q	3/02
7.45	B 60 q	3/04
7.5	B 63 b	45/04
7.55	B 62 j	5/00
7.6	B 62 j	5/06
7.7	B 64 d	47/02
8.1	B 60 q	1/00
		1/26
8.11	B 60 q	1/00
		1/26
8.12	B 60 q	1/00
		1/26
8.14	B 60 q	1/24
		3/04
8.16	B 60 q	3/04
8.18	B 60 q	1/26
8.2	B 60 q	1/32
8.22	B 60 q	1/32
		1/48
8.24, 8.25	B 60 q	1/12
8.26	B 60 q	1/24
8.28	B 60 q	1/26
8.3	B 60 q	1/30
		1/56
8.4	B 60 q	1/04
8.41	B 60 q	1/30
9	F 21 s	
9.5	F 21	
vi069/00		
10	A 47 g	33/16
	F 21 p	1/02
10.1	A 47 g	33/16
	F 21 p	3/06
10.5	F 21 l	1/00
		3/00
		5/00
		13/00
		15/00
10.6	F 21 l	7/00
		9/00
		11/00
10.61–10.67	F 21 l	7/00
		9/00
		11/00
10.68	F 21 l	7/00

U.S. Class 240—Con.

U.S. Subclass	IPC Subclass	IPC Notation
		9/00
		11/00
10.69	F 21 l	7/00
		9/00
		11/00
		15/02
11	F 21 l	7/00
	F 21 m	
	F 21 v	
11.1	F 21 l	7/00
	F 21 m	
	F 21 v	
11.2	F 21 l	7/00
		15/00
11.3	F 21 v	25/00
11.4	F 21 l	/00
	F 21 m	
12	F 21 l	
	F 21 m	
13	F 21 v	35/00
15, 16	F 21 v	11/00
17	F 21 l	19/00
18, 19	F 21 l	23/00
20	F 21 v	9/00
22	F 21 l	15/02
	F 21 q	
23, 24	F 21 l	15/04
	F 21 q	/00
25	F 21 s	1/10
		3/10
		13/10
26	F 21 v	31/00
27 – 29	F 21 l	19/00
	F 21 s	17/00
		17/02
30 – 33	F 21 l	19/02
	F 21 s	17/02
34	F 21 l	19/00
35	F 21 l	15/02
		25/00
36	F 21 v	
37	F 21 v	19/04
37.1	F 21 v	19/04
38	F 21 l	15/00
		25/00
39	F 21 v	9/10
40	F 21 v	17/00
41	F 21 m	
41.1	F 21 m	7/00
		13/00
41.15	A 61 b	1/06
41.25	F 21 v	7/14
41.3	F 21 v	13/04
41.35	F 21 v	7/00
41.36 – 41.37	F 21 v	7/09
41.38	F 21 v	7/04
41.4	F 21 m	3/04
41.5	F 21 v	17/00
41.55	F 21 v	17/00
41.6	F 21 v	7/00
44	F 21 v	7/00
44.1	F 21 v	7/00
44.2	F 21 v	19/02
44.25 – 44.27	F 21 v	19/02
46.01	F 21 v	11/00
46.03	F 21 v	11/18
46.05	F 21 v	11/18
46.07	F 21 v	11/04
46.09	F 21 v	11/04
46.11	F 21 v	11/04
46.13	F 21 v	11/10
46.15	F 21 v	9/12
46.17	F 21 v	11/18
46.19	F 21 v	11/18
46.21	F 21 v	11/18
46.23	F 21 v	11/18
46.25	F 21 v	11/18
46.27	F 21 v	11/18
46.29	F 21 v	11/18
46.31	F 21 v	11/02
46.33	F 21 v	11/02
46.35	F 21 v	11/02
46.37	F 21 v	11/02
46.39	F 21 v	11/06
46.41	F 21 v	11/02
46.43	F 21 v	11/02
46.45	F 21 v	17/00
46.47	F 21 v	13/10
46.49	F 21 v	17/04
46.51	F 21 v	11/14
46.53	F 21 v	11/16
46.55	F 21 v	17/04
46.57	F 21 v	17/04
46.59	F 21 v	9/08
47	F 21 v	29/00
48	F 21 m	7/00
		13/00
49	F 21 m	7/00
		13/00
	F 21 q	3/02
50	F 21 v	19/00
51	F 21 v	17/00
51.11	H 05 b	33/02
51.12	H 05 b	33/02
52	F 21 s	
	F 21 v	21/00
52.1	F 21 v	21/08
52.15	F 21 l	15/16
		25/00
52.2	F 21 l	15/14
		25/00
52.3	F 21 l	15/12
		25/00
52.4	F 21 v	35/00
52.5	F 21 l	15/08
52.6	F 21 v	21/00
		33/00
53	F 21 v	21/00
54	F 21 v	15/00
		21/00
55	F 21 v	21/29
57	B 60 q	1/00
57.1	B 60 q	1/00
58	B 62 j	5/00
59	F 21 v	21/00
60	A 42 b	1/24
61	B 60 q	1/06
	F 21 m	3/18
61.05	B 60 q	1/06
	F 21 m	3/18
61.1	B 60 q	1/06
61.11	F 21 m	3/00
61.12	F 21 m	3/18
61.13	F 21 m	3/18
61.2	B 60 q	1/08
61.3	B 60 q	1/08
61.4	B 60 q	1/08
61.5	B 60 q	1/08
61.6	B 60 q	1/06
61.7	B 60 q	1/06
61.8	B 60 q	1/06
61.9	B 60 q	1/06
62	B 60 q	1/12
62.1	B 60 q	1/12
62.2	B 60 q	1/12
62.3	B 60 q	1/12
62.4	B 60 q	1/12
62.5	B 60 q	1/12
62.51	B 60 q	1/12
62.52	B 60 q	1/12
62.53	B 60 q	1/12
62.54	B 60 q	1/12
62.6	B 60 q	1/12
62.62	B 60 q	1/12
62.63	B 60 q	1/12
62.64	B 60 q	1/12
62.65	B 60 q	1/12
62.7	B 60 q	1/12
62.71	B 60 q	1/12
62.72	B 60 q	1/12
62.73	B 60 q	1/12
62.74	B 60 q	1/12
62.75	B 60 q	1/12
63	F 21 v	21/36
64	F 21 v	21/36
65	F 21 v	21/36
66	F 21 v	21/36
67	F 21 v	21/14
68	F 21 v	21/14
69	F 21 v	21/20
70	F 21 v	21/14
71	F 21 v	21/18
72	F 21 s	17/00
73	F 21 s	1/02
		3/02
		5/00
74	F 21 s	13/02
		17/00
75	F 21 s	13/02
		17/00
76	F 21 s	1/06
		3/06
		13/06
77	F 21 s	17/00
78	F 21 s	1/06
		3/06
79	F 20 s	13/06
80	F 21 s	13/06
81	F 21 s	1/12
		3/10
82	F 21 s	13/12
83	F 21 s	13/12
84	F 21 s	1/10
		3/10
		13/10
85	F 21 v	21/10
86	F 21 v	21/14
87	F 21 v	21/02
88	F 21 v	21/16
89	F 21 v	21/06
90	F 21 v	15/04
91	F 21 v	17/00
92	F 21 v	13/00
93	F 21 v	13/04
94	F 21 l	19/00
	F 21 s	17/00
95	F 21 l	19/00
	F 21 s	17/00
96	F 21 l	19/00
	F 21 s	17/00
97	F 21 l	19/02
	F 21 s	17/02
98	F 21 l	19/02
	F 21 s	17/02
99	F 21 l	19/02
	F 21 s	17/02
100	F 21 v	3/00
102	F 21 v	15/00
103	F 21 v	7/00
104	F 21 v	7/10
105	F 21 v	7/10
106	F 21 v	5/00
106.1	F 21 v	5/04
107	F 21 v	5/00
108	F 21 v	1/00
109	F 21 v	1/00
110	F 21 v	1/00
119	F 23 d	11/38
		13/28
120	F 21 v	11/00
121	F 21 v	25/12
122	F 21 s	17/00
	F 21 v	23/04
123	F 21 s	17/00
	F 21 v	23/04
124	F 21 m	13/00
	F 21 s	17/00
125	F 21 v	17/00
126	F 21 v	17/06
127	F 21 v	17/06
128	F 21 v	17/06
129	F 21 v	17/06
130	F 21 v	17/06
131	F 21 v	17/06
132	F 21 v	17/06
133	F 21 v	17/06
134	F 21 v	17/00
135	F 21 v	17/00
136	F 21 v	17/00
137	F 21 v	17/06
138	F 21 v	17/04
139	F 21 v	17/00
140	F 21 v	17/00
141	F 21 v	17/04
142	F 21 v	17/00
143	F 21 v	17/00
144	F 21 v	17/02
145	F 21 v	17/00
146	F 21 v	17/00
147	F 21 v	17/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 240—Con.		
148	F 21 v	17/00
149	F 21 v	17/00
150	F 21 v	17/00
151	F 21 v	17/00
152	F 21 v	17/00
153	F 21 v	17/00
U.S. Class 241		
Solid material comminution or disintegration		
(IPC B 02 c)		
1	B 02 c	19/00
2	A 47 j	19/06
	B 02 c	11/00
3	B 01 j	
	B 02 c	19/12
4	B 27 j	
	B 27 k	7/00
		9/00
	B 27 l	11/00
	B 31 f	7/00
5	B 02 c	19/06
6	B 02 b	5/00
	B 02 c	7/18
		9/00
		11/00
7	B 02 b	5/00
	B 02 c	7/18
		9/00
		11/00
8	B 02 b	1/00
		3/12
		5/00
	B 02 c	7/18
		9/00
		11/00
9–11	B 02 b	/00
9	B 02 b	
12	B 02 b	1/04
		3/12
		5/00
	B 02 c	7/18
		9/00
		11/00
13	B 02 b	5/02
	B 02 c	7/18
		9/00
		11/00
14	B 27 l	11/00
	B 31 f	7/00
15	B 02 c	1/00
16	B 01 b	
	B 02 c	1/00
	B 04 b	15/04
17–21	B 02 c	1/00
		11/08
		21/00
22	B 02 b	5/02
	B 02 c	19/00
23	B 02 c	11/08
		21/00
24	B 02 c	7/00
		17/02
	B 07 b	13/00
	B 07 c	7/00
25	B 02 b	5/02
	B 02 c	9/04
		19/00
	B 03 b	7/00
26	B 02 c	17/00
27	B 02 c	
28	B 27 j	
	B 27 k	7/00
		9/00
	B 27 l	11/00
29	B 02 b	5/02
	B 03 b	7/00
30	B 02 b	
	B 02 c	
31	B 02 c	11/06
32, 32.5	B 02 c	19/12
		23/00
33–37	B 02 c	4/32
		7/14
		9/04
		11/08
		23/00
38–62	B 02 b	1/00
		5/02
	B 02 c	11/08
		21/00
	B 07 b	3/00
		7/00
		9/00
		11/00
63, 64	B 02 c	7/14
		9/04
		11/08
		23/00
65–67	B 02 b	1/08
		5/02
	B 02 c	11/08
		21/00
68	B 02 c	13/00
		17/02
	B 07 b	13/00
	B 07 c	7/00
69–78	B 02 c	9/04
		13/00
		17/02
	B 07 b	13/00
	B 07 c	7/00
79–81	B 02 c	13/00
		17/02
	B 07 b	13/00
	B 07 c	7/00
82	B 02 c	19/00
		21/00
		23/00
83–95	B 02 c	17/02
	B 07 b	13/00
96, 97	B 02 c	23/00
98	B 02 c	17/16
99	B 02 c	19/12
100, 100.5	B 02 b	7/02
	B 02 c	19/00
		23/00
101	B 02 b	5/02
	B 02 c	9/04
		19/00
	B 03 b	7/00
102	B 02 c	17/20
		19/12
103–105	B 02 c	15/00
106	B 02 c	15/00
		19/10
107	B 02 c	9/04
		15/00
		19/00
108	B 02 c	9/04
		15/00
		19/00
		23/02
109	B 02 c	9/04
		15/00
		19/00
		23/02
110–112	B 02 c	9/04
		15/00
		15/08
		15/10
		19/00
113	B 02 c	1/08
		9/04
		15/00
		19/00
114	B 02 c	9/04
		13/20
		15/00
		19/00
115–122	B 02 c	9/04
		15/00
		19/00
123	B 02 c	9/04
		15/00
		19/00
124	B 02 c	9/04
		15/00
		19/00
		23/02
125–134	B 02 c	9/04
		15/00
		19/00
135, 136	B 02 c	9/04
		15/00
		19/00
		23/02
137	B 02 c	9/04
		15/00
		17/00
		19/00
138	B 02 c	9/04
		13/00
		15/00
		19/00
139	B 02 c	9/04
		15/00
		19/00
140, 141	B 02 c	9/04
		15/00
		19/00
142	B 02 c	9/04
		13/02
		15/00
		15/10
		19/00
143, 144	B 02 c	9/04
		13/02
		15/00
		19/00
145	B 02 c	7/00
		7/14
		9/04
		13/02
		15/00
		19/00
146	B 02 c	9/04
		13/10
		15/00
		19/00
147	B 02 c	1/00
		9/04
		15/00
		19/00
148	B 02 c	1/00
		9/04
		15/00
149	B 02 c	1/00
		9/00
		9/04
		15/00
		19/00
150	B 02 c	1/00
		9/04
		15/00
		19/00
151	B 02 c	1/00
		9/04
		15/00
		15/10
		19/00
152	B 02 c	9/04
		15/00
		19/00
153	B 02 c	9/04
		13/00
		15/00
		17/00
		19/00
154	B 02 c	9/04
		13/00
		15/00
		17/00
		19/00
155	B 02 c	9/04
		15/00
		15/10
		19/00
156	B 02 c	9/04
		15/00
		19/00
157	B 02 c	9/04
		15/00
		19/00
158–160	B 02 c	9/04

U.S. Class 241—Con.

U.S. Subclass	IPC Subclass	IPC Notation
		13/02
		15/00
		19/00
161–163	B 02 c	9/04
		13/10
		15/00
		19/00
164	B 02 c	1/00
		9/04
		13/10
		15/00
		19/00
165	B 02 c	1/00
		9/04
		13/10
		15/00
		15/10
		19/00
166	A 47 j	17/18
167	A 47 j	17/18
168, 169	A 47 j	17/00
		43/00
170	B 02 c	17/00
171–174	B 02 c	17/00
		23/02
175	B 02 c	17/08
176	B 02 c	17/00
177–184	B 02 c	17/14
185	B 02 c	13/00
186	B 02 c	13/00
		23/02
187–190	B 02 c	
191	B 02 c	13/00
192	B 02 c	7/14
		7/26
		13/00
193–197	B 02 c	13/00
198	B 02 c	
199	B 02 c	19/08
200	B 02 c	11/02
		19/00
		21/00
		23/00
201	B 02 c	15/10
		17/08
202	B 02 c	15/10
		17/08
		23/02
203	B 02 c	7/00
		13/00
		15/00
		17/00
204	B 02 c	13/02
		13/10
		15/10
		17/08
205	B 02 c	1/08
		15/10
		17/08
206	B 02 c	3/02
		5/02
		15/10
		17/08
207–218	B 02 c	15/10
		17/08
219	B 02 c	13/16
		15/10
		17/08
220	B 02 c	
221	B 02 c	1/08
222	B 02 c	1/08
		23/02
223	B 02 c	1/08
		23/00
224–225	B 02 c	1/08
		23/02
226	B 02 c	1/08
		9/04
		19/12
		23/00
227–229	B 02 c	1/08
		15/00
230–233	B 02 c	1/08
		7/14
		7/26
		15/00
234	B 02 c	1/08
		7/14
		7/26
235, 236	B 02 c	1/08
		7/04
		13/20
237	B 02 c	1/08
238–241	B 02 c	1/08
		7/00
		7/14
242, 243	B 02 c	1/08
		7/00
		7/04
		7/14
		13/00
244	B 02 c	
245–249	B 02 c	23/02
250, 251	B 02 c	1/08
		15/10
252	B 02 c	1/08
		7/10
		15/10
253	B 02 c	1/08
		7/00
		7/08
		15/10
254	B 02 c	1/08
		7/10
		15/10
255	B 02 c	7/00
		7/06
256	B 02 c	7/00
		7/06
		7/14
257	B 02 c	7/00
		7/08
258, 259	B 02 c	7/00
		7/08
		7/14
260, 261	B 02 c	7/04
		13/20
262, 263	B 02 c	1/00
		19/00
		21/00
		23/00
264	B 02 c	17/14
265	B 02 c	17/14
		23/02
266	B 02 c	1/08
267–269	B 02 c	1/06
		1/08
270–273	B 02 c	1/08
		19/04
274	B 02 c	7/00
		7/12
		17/20
		19/12
275–276	B 02 c	1/10
		1/12
		7/00
		7/12
		17/20
		19/12
		23/02
277	B 02 c	1/08
		7/00
		7/12
		13/28
		17/20
278, 279	B 02 c	1/08
		7/00
		7/12
		13/28
		15/06
		15/08
		15/10
		17/20
280	B 02 c	1/08
		7/00
		7/12
		13/28
		17/20
		23/02
281	B 02 c	1/08
		7/00
		7/12
		13/28
		17/20
		23/00
282	B 02 c	1/08
		7/00
		7/12
		13/28
		17/20
		23/02
283	B 02 c	1/00
		19/00
		21/00
		23/00
284	B 02 c	17/00
285	B 01 l	9/00
	B 02 c	23/00
	B 24 b	41/00
	F 16 m	
	F 16 s	
286–290	B 01 l	9/00
	B 02 c	7/00
		7/14
		23/00
	B 24 b	41/00
	F 16 m	
	F 16 s	
291	B 02 c	1/10
		7/00
		7/12
		13/28
		17/20
292	B 02 c	1/10
		19/00
		23/00
293–295	B 02 c	1/10
		7/12
		7/24
		13/28
		15/16
		17/20
296–298	B 02 c	1/10
296	B 02 c	7/00
296–298	B 02 c	7/12
		13/28
		17/20
299	B 02 c	1/10
		7/00
		7/12
		13/28
		15/06
		15/08
		15/10
		17/20
300	B 02 c	1/10
		7/04
		7/12
		13/28
		17/20
		17/22
		19/22
301	B 02 c	

U.S. Class 242

Winding and reeling

(IPC B 65 h)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 65 h	
1.1	B 65 h	81/06
2–3	B 65 h	54/64
4–6	B 65 h	81/02
7.01, 7.02	B 21 f	17/00
		45/00
	B 65 h	81/00
7.03	H 01 b	13/00
	H 01 f	11/04
		11/08
	H 02 k	15/04
7.04, 7.05	H 02 k	15/04
7.06	H 01 b	13/00
7.07–7.16	H 01 f	11/04
7.17, 7.18	H 01 b	13/00
7.19–7.22	B 21 f	17/00
		45/00
	B 65 h	81/00
7.23	B 21 c	

U.S. Class 242—Con.

U.S. Subclass	IPC Subclass	Notation
	B 85 h	81/00
16–17	B 65 h	54/02
18	B 65 h	54/00
18.1	B 65 h	54/38
19	B 65 h	75/32
20	B 65 h	54/00
21	B 65 h	75/32
22	B 65 h	63/00
23–26	B 65 h	54/00
26.1	B 65 h	1/02
26.2–26.4	B 65 h	54/28
26.41–26.44	B 65 h	54/34
26.45, 26.5	B 65 h	54/28
27, 27.1	B 65 h	54/34
28	B 65 h	63/00
29	B 65 h	63/02
30	B 65 h	63/04
31	B 65 h	54/28
32	B 65 h	54/34
34	D 01 h	1/36
35	B 65 h	49/26
35.5	B 65 h	54/02
35.6	B 65 h	69/04
36	B 65 h	63/00
37–38	B 65 h	63/02
39, 40	B 65 h	63/04
41	B 65 h	67/02
42	B 65 h	54/00
43, 43.1	B 65 h	54/28
43.2	B 65 h	59/00
45	B 65 h	59/00
46	B 65 h	67/04
	D 01 h	9/00
46.2	B 65 h	75/30
		79/00
	D 01 h	3/16
46.21	B 65 h	75/30
		79/00
	D 01 h	3/16
46.3–46.8	B 65 h	75/30
		79/00
	D 01 h	3/16
47–47.03	B 65 h	51/00
47.04–47.07	B 65 h	51/24
47.08–47.11	B 65 h	51/08
47.12–47.13	B 65 h	51/20
47.5	B 65 h	51/20
48	B 65 h	75/32
49	B 65 h	63/00
50	B 65 h	54/68
51, 52	B 65 h	54/00
53	B 65 h	54/56
54	B 65 h	75/00
54.1	G 11 b	15/32
54.4	B 65 h	75/16
	D 01 h	13/04
55, 55.1	B 65 h	75/02
55.16	B 65 h	75/02
55.17–55.21	B 65 h	17/48
55.2	B 65 h	19/00
55.3	B 65 h	19/04
55.42	B 65 h	19/04
55.53–55.55	B 65 h	19/00
56	B 65 h	19/20
56.1	B 65 h	39/16
56.2–56.5	B 65 h	35/02
56.6	B 65 h	35/04
56.7, 56.8	B 65 h	35/02
56.9	B 65 h	19/04
57	B 65 h	25/04
57.1	B 65 h	25/26
58	B 65 h	19/08
58.1	B 65 h	19/18
58.2	B 65 h	19/12
58.3	B 65 h	19/14
58.4	B 65 h	19/16
58.5	B 65 h	19/22
		19/26
58.6	B 65 h	19/30
59	B 65 h	75/00
60	B 65 h	75/02
61	B 65 h	75/06
62	B 65 h	75/02
63	B 65 h	75/22
64	B 65 h	75/34
65, 66	B 65 h	17/08
67	B 65 h	17/14
67.1–68.6	B 65 h	17/02
68.7	B 65 h	17/12
71–71.2	G 03 b	1/04
71.3	G 03 b	1/10
71.4, 71.5	G 03 b	1/06
71.6	G 03 b	1/04
71.7	G 03 b	17/26
71.8–73.5	B 65 h	75/18
74, 74.2	B 65 h	75/28
75	B 65 h	77/00
75.1	B 65 h	23/08
75.2	B 65 h	23/10
75.3	B 65 h	23/16
75.4	B 65 h	23/06
75.41, 75.42	B 65 h	23/08
75.43	B 65 h	25/22
75.44	B 65 h	25/22
75.45	B 65 h	25/28
75.46	B 65 h	23/16
75.47	B 65 h	23/20
75.5–75.53	B 65 h	59/00
76	B 65 h	27/00
77, 77.1	B 65 h	75/02
77.2	B 65 h	75/20
77.3, 77.4	B 65 h	75/18
78	B 21 c	47/00
78.1	B 21 c	47/02
78.3	B 21 c	17/10
78.6, 78.8	B 21 c	47/16
79	B 21 c	47/24
80–83	B 21 c	47/00
84	B 21 c	47/34
84.1–84.3	A 01 k	89/00
84.4–84.43	A 01 k	89/04
84.44–84.53	A 01 k	89/02
84.54	A 01 k	89/00
84.8	B 65 h	75/16
85	B 65 h	17/46
85.1	B 65 h	75/36
86, 86.1	B 65 h	75/38
86.2–86.4	B 65 h	75/40
86.5	B 65 h	17/46
		75/40
86.51	B 65 h	75/42
86.52	B 65 h	17/46
86.6–94	B 65 h	75/40
95	B 65 h	17/46
96	B 65 h	75/40
99	B 65 h	17/44
100, 100.1	B 65 h	75/38
100.2	B 65 h	75/48
103	B 65 h	17/52
104	B 65 h	75/38
105, 106	B 65 h	17/52
107–107.7	B 65 h	75/48
110–110.3	B 65 h	75/24
115, 116	B 65 h	75/22
117	B 65 h	75/18
118	B 65 h	75/02
118.1–118.2	B 65 h	75/20
118.3–118.32	B 65 h	75/10
		75/12
118.4–118.8	B 65 h	75/14
125–125.3	B 65 h	75/28
127	B 65 h	49/30
128, 129	B 65 h	49/00
129.1–129.4	D 05 b	49/00
129.5	B 65 h	49/00
	D 01 h	7/16
129.51–129.8	B 65 h	49/00
130–130.4	B 65 h	49/02
	D 03 j	5/08
131, 132	B 65 h	49/02
	D 02 h	1/00
	D 03 j	5/08
134–140	B 65 h	49/18
141–146	B 65 h	49/36
147	B 65 h	59/00
148	B 65 h	59/40
		63/00
149–152.1	B 65 h	59/22
153, 154	B 65 h	59/12
155	B 65 h	59/18
156, 156.1	B 65 h	59/16
156.2	B 65 h	59/38
157	B 65 h	57/00
157.1	B 65 h	57/00
158–158.5	B 65 h	57/28
159–173	B 65 h	55/00
174–178	B 65 h	55/04
179–181	G 03 b	1/04
	G 11 b	15/32
182	G 11 b	15/58
		23/12
183–185	G 11 b	15/06
		15/58
		23/12
186–187	B 65 h	59/38
	G 03 b	1/04
	G 11 b	15/32
188	B 65 h	59/38
	G 03 b	1/04
	G 11 b	1/52
		15/06
189, 190	B 65 h	59/38
		63/02
	G 03 b	1/04
	G 11 b	15/32
191	B 65 h	59/38
	G 03 b	1/02
	G 11 b	15/13
192–196	G 03 b	1/04
	G 11 b	15/32
197–200	G 03 b	1/04
	G 11 b	15/32
		23/04
201–209	B 11 b	15/32
	G 03 b	1/04
210	B 65 h	75/34
	G 03 b	1/04
	G 11 b	15/60

U.S. Class 243

Pneumatic dispatch

(IPC B 65 g)

U.S. Subclass	IPC Subclass	Notation
1–18	B 65 g	51/04
19	B 65 g	51/32
20–24	B 65 g	51/30
25–28	B 65 g	51/28
29–31	B 65 g	51/24
32–35	B 65 g	51/06
36, 37	B 65 g	51/36
38, 39	B 65 g	51/04

U.S. Class 244

Aeronautics

(IPC B 64 c)

U.S. Subclass	IPC Subclass	Notation
1	B 64 c	
2	B 64 c	37/02
	B 64 d	5/00
3	B 64 d	3/00
	F 41 j	9/10
3.1	F 41 g	7/00
		9/00
	F 42 b	13/30
		15/02
3.11	F 41 g	7/00
3.12	F 41 g	7/02
	F 42 b	15/04
3.13–3.14	F 41 g	7/00
3.15–3.22	F 41 g	7/00
	F 42 b	15/02
	G 06 f	15/50
3.23	F 42 b	13/24
		15/14
3.24–3.26	F 42 b	15/16
3.27–3.30	F 42 b	13/32
		15/16
4	B 64 c	
5	B 64 b	1/20
	B 64 c	1/00
		17/00
6–8	B 64 c	27/22
9–10	B 64 c	27/22
		39/00

U.S. Class 244—Con.

U.S. Subclass	IPC Subclass	IPC Notation
11	B 64 c	33/00
12	B 64 c	15/00
		29/00
13	B 64 c	1/00
		3/00
		5/00
		7/00
14	F 42 b	17/00
15	B 64 c	15/00
16	B 64 c	31/02
	F 42 b	25/06
17.11	B 64 c	27/00
17.13	B 64 c	11/34
		11/40
		11/44
		27/54
17.15	B 64 c	25/00
		27/00
17.17	B 64 c	25/00
		27/00
17.19, 17.21	B 64 c	27/00
		27/82
17.23	B 64 c	27/08
17.25	B 64 c	27/52
17.27	B 64 c	27/00
19–21	B 64 c	27/00
		39/00
22	B 64 c	33/00
23	B 64 c	29/00
24	B 64 b	
25	B 64 b	1/20
26	B 64 b	1/34
27–29	B 64 b	1/06
30	B 64 b	1/02
		1/06
31	B 64 b	1/40
		1/58
	F 41 j	9/08
32	B 64 b	1/48
33	B 64 b	1/50
34	B 64 c	3/00
		5/00
35	B 64 c	3/00
36	B 64 c	1/00
		3/00
37	B 64 c	3/18
38	B 64 c	1/26
39	B 64 c	27/00
40	B 64 c	3/00
		9/00
		21/00
		23/00
41	B 64 c	3/28
		3/38
		9/00
42	B 64 c	3/38
		9/00
43	B 64 c	3/54
		9/00
44	B 64 c	3/44
		9/00
45	B 64 c	3/06
		3/38
46–48	B 64 c	3/38
49	B 64 c	3/56
50	B 64 c	1/04
		25/50
51	B 64 c	15/00
		27/82
52	B 64 b	1/36
	B 64 c	15/00
53	B 64 b	1/24
	B 64 d	27/00
		29/00
		31/00
		33/00
		35/00
54, 55	B 64 b	1/24
	B 64 d	27/00
56	B 64 d	27/00
		29/00
57	B 64 d	33/10
58	B 64 d	41/00
59	B 64 d	27/00
60	B 64 d	35/00
61	B 64 b	1/24
	B 64 d	37/00
62	B 64 c	27/00
		39/00
63	B 64 f	1/04
64	B 64 c	31/04
65	B 64 c	11/00
66	B 64 c	27/52
67	B 64 c	27/00
68	B 64 c	11/00
		27/46
69	B 64 c	11/46
		27/08
70, 71	B 64 c	39/00
72	B 64 c	33/02
73, 74	B 64 b	1/36
	B 64 c	15/00
75	B 64 c	5/00
		9/00
		13/00
		15/00
		17/00
		19/00
	B 64 d	31/00
76	B 64 c	3/18
		13/16
		17/00
77	B 64 c	13/50
		15/00
		17/00
78	B 64 c	13/36
		13/40
79	B 64 c	17/06
80	B 64 c	17/02
		17/04
81	B 64 c	25/30
82	B 64 c	13/16
83	B 64 c	13/04
84	B 64 c	13/12
85	B 64 c	13/36
		13/40
86	B 64 c	19/02
87	B 64 c	9/00
88	B 64 c	9/04
		9/06
89	B 64 c	5/00
90	B 64 c	5/10
		9/00
91	B 64 c	5/06
92	B 64 c	17/00
		27/82
93	B 64 c	17/00
94, 95	B 64 b	1/70
	B 64 c	17/08
96	B 64 b	1/02
		1/06
97	B 64 b	1/58
98, 99	N 64 b	1/62
100	B 64 c	25/00
101	B 64 c	1/04
		25/54
		35/00
102	B 64 c	25/10
103	B 64 c	25/32
104	B 64 c	25/58
105, 106	B 64 c	1/04
		35/00
107	B 64 c	25/54
	B 64 d	25/18
		45/04
108	B 64 c	25/52
109	B 64 c	25/00
110	B 64 c	25/68
	B 64 f	1/02
		1/12
111, 112	B 64 c	25/42
113	B 64 c	9/32
	B 64 d	17/80
114	B 64 f	1/00
115, 116	B 64 f	1/12
117	B 64 c	1/00
	B 64 d	
118	B 64 c	1/20
	B 64 d	9/00
		11/00
		13/00
119, 120	B 64 c	1/00
121	B 64 c	1/10
	B 64 d	7/00
122	B 64 d	11/06
		25/02
123, 124	B 64 c	1/00
		3/00
		5/00
125	B 64 b	1/02
		1/06
126	B 64 b	1/14
127	B 64 b	1/22
		1/24
128	B 64 b	1/58
129	B 64 c	1/00
130	B 64 c	1/38
131	B 64 c	1/06
132	B 64 c	1/12
133	B 64 c	1/00
134	B 64 d	15/00
135	B 64 d	37/00
136	B 64 d	1/00
137	B 64 c	1/22
		1/24
	B 64 d	9/00
138	B 64 d	1/02
		17/00
		19/00
		21/00
139	B 64 d	17/00
		19/00
140	B 64 d	25/12
141	B 64 d	25/10
142	B 64 d	17/00
		19/00
		21/00
		23/00
143	B 64 d	17/00
144	B 64 d	19/00
145	B 64 d	17/02
146, 147	B 64 d	17/00
148	B 64 d	17/40
149	B 64 d	17/52
		17/62
150	B 64 d	17/58
151	B 64 d	17/30
152	B 64 d	17/14
		17/18
		17/34
153–155	A 63 h	27/08
	B 64 c	31/06
	F 41 j	9/08

U.S. Class 245

Wire fabrics and structure

(IPC B 21 f)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 21 f	27/00
1.5	B 60 c	15/04
2	B 21 f	27/00
3	B 21 f	27/08
4	B 21 f	31/00
5–8	B 21 f	27/00
9	B 21 f	27/08
10	B 21 f	27/00
11	B 21 f	29/02

U.S. Class 246

Railway switches and signals

(IPC B 61 l)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 61 l	
2–5	B 61 l	27/00
6	B 61 l	15/00
7	B 61 l	27/00
	H 04 l	
	H 04 m	
8	B 61 l	1/08
		27/00
	H 04 b	5/00
9–13	B 61 l	27/00
14	B 61 l	21/08
		27/00

U.S. Class 246—Con.

U.S. Subclass	IPC Subclass	IPC Notation
15–18	B 61 l	27/00
19	B 61 l	23/24
20	B 61 l	21/00
22–26	B 61 l	21/04
27–29	B 61 l	21/00
30	B 61 l	1/10
		21/00
31–62	B 61 l	21/00
63	B 61 l	1/08
		21/00
64–107	B 61 l	21/00
108–110	B 61 l	1/00
111, 112	B 61 l	23/00
113–117	B 61 l	23/00
118–121	B 61 l	23/04
122	B 61 l	25/00
123, 124	B 61 l	25/02
125–130	B 61 l	1/02
		1/12
131	B 61 l	19/00
132	B 61 l	19/06
133–135	B 61 l	19/14
136–145	B 61 l	19/02
146	B 61 l	19/02
		19/14
147–163	B 61 l	19/02
164, 165	B 61 l	23/00
166	B 61 l	1/00
167, 168	B 61 l	3/00
169	B 61 k	1/00
	B 61 l	3/00
170–181	B 61 l	3/00
182	B 61 b	13/16
	B 61 l	3/00
183–188	B 61 l	3/00
189, 190	B 61 b	13/08
	B 61 l	3/00
191–207	B 61 l	3/00
208	B 61 l	15/00
209	B 61 l	5/12
210, 211	B 61 l	5/20
212–214	B 61 l	5/22
215–217	B 61 l	5/20
218–244	B 61 l	5/00
		11/08
245–252	B 61 l	11/08
		13/04
253–256	B 61 l	5/00
257	B 61 l	5/07
		7/04
		11/06
258	B 61 l	7/04
		11/06
259	B 61 l	11/06
260	B 61 l	5/04
		7/04
		11/06
261	B 61 l	29/08
262	B 61 l	3/04
		5/02
		7/02
		11/02
		13/02
263	B 61 l	3/08
		5/06
		7/06
		11/08
		13/04
264	B 61 l	11/00
265	B 61 l	11/08
266–269	B 61 l	11/02
270	B 61 l	1/00
		11/00
		13/00
271	B 61 l	1/00
		11/06
		13/00
272	B 61 l	29/18
273–276	B 61 l	
277	B 61 l	23/32
278–283	B 61 l	11/02
284–291	B 61 l	11/04
292	B 61 l	13/00
		29/00
293–296	B 61 l	13/00
		29/24
297–313	B 61 l	13/00
		29/00
314–358	B 61 l	11/02
359	B 61 l	1/00
		13/00
360	B 61 l	1/02
		13/04
361–373	B 61 l	1/00
		13/00
374	B 61 l	1/00
		23/32
375–381	E 01 b	7/18
		7/30
382–392	E 01 b	7/00
393	B 61 l	5/00
394	B 61 l	3/00
		5/00
395–414	B 61 l	5/00
415–427	E 01 b	7/00
428–434	E 01 b	7/00
435–450	E 01 b	7/02
451–453	E 01 b	7/00
454–464	E 01 b	7/10
		7/18
		7/22
		7/28
465–467	E 01 b	7/18
		7/22
		7/28
468	E 01 b	7/10
469	E 01 b	7/16
470	E 01 b	7/10
471	E 01 b	7/12
472	E 01 b	7/10
		7/18
		7/22
		7/28
473–478	B 61 l	5/12
		5/20
		9/00
479–484	B 61 l	5/14
485	B 61 l	5/16
486	B 61 l	5/12
		5/20
		9/00
487	B 61 l	5/20
488	B 61 l	5/12
		5/20
		9/00
489	B 61 l	

U.S. Class 248

Supports

(IPC F 16 m)

U.S. Subclass	IPC Subclass	IPC Notation
1	A 47 g	29/00
2	A 47 b	21/00
	A 47 j	45/02
	E 02 d	27/44
	F 16 f	15/00
	F 16 m	1/00
		5/00
		7/00
		9/00
		11/00
3	B 60 k	1/00
		3/00
		5/00
	F 16 f	15/00
	F 16 m	1/00
		7/00
4	B 63 h	21/26
	F 16 f	15/00
	F 16 m	1/00
		7/00
5	B 64 c	1/16
	B 64 d	27/26
	F 16 f	15/00
	F 16 m	1/00
		7/00
6	F 16 f	15/00
	F 16 m	1/00
		7/00
7–10	F 16 f	15/00
11–14	F 16 f	15/00
	F 16 m	1/00
		7/00
15	F 16 f	15/00
16–17	F 16 f	15/00
	F 16 m	1/00
		11/00
18	F 16 f	15/00
19	F 16 f	15/00
	F 16 m	5/00
		7/00
		9/00
20–22	F 16 f	15/00
23–26	F 16 f	15/00
	F 16 m	1/00
		7/00
		11/00
27	G 12 b	9/00
27.5	A 47 g	29/00
27.8	A 47 g	7/00
37.3, 37.6	A 47 g	21/14
38–48	A 01 k	97/10
	A 45 h	25/28
	A 47 g	25/12
		33/12
	G 09 f	17/00
	H 01 q	1/12
48.1, 48.2	E 04 d	13/06
49–54	F 16 l	3/00
55	F 16 l	3/16
56–57	F 16 l	5/00
58–64	E 21 f	17/02
	F 16 l	3/00
65–67	F 16 l	3/08
67.5	F 16 l	3/10
67.7	F 16 l	3/08
68, 69	F 16 l	3/22
70	F 16 l	3/08
71	F 16 b	15/00
		45/00
72	F 16 l	3/24
73, 74	F 16 l	3/08
75–79	A 62 c	23/04
	B 05 b	15/06
80–93	A 47 g	29/00
	B 05 b	15/06
94	B 01 d	23/28
	B 65 b	39/00
	B 67 c	11/00
95	B 65 b	67/12
96	A 63 b	55/00
97	A 63 b	55/04
98	A 63 b	55/08
99–101	B 65 b	67/04
102	A 47 d	15/00
	A 61 j	9/06
103–107	A 47 d	15/00
108–109	B 65 d	35/56
110–113	A 46 b	17/02
114	A 47 f	7/00
117.1	D 06 f	75/40
		79/02
117.2–117.7	D 06 f	79/02
118	B 68 g	5/00
118.1–118.5	B 43 l	15/00
119	B 60 p	7/00
121–126	A 47 g	29/00
127	A 45 d	19/04
	A 47 j	47/16
	F 16 m	11/00
128, 129	A 47 k	1/04
130–131	A 47 f	5/02
132	A 47 j	47/16
133–142	A 47 f	5/12
143–145.6	A 47 j	47/16
146	A 47 g	23/02
147–154	A 47 g	23/02
155–155.5	A 45 d	19/04
	A 47 j	47/16
156	A 45 f	3/44
157	F 16 m	11/00
158–160	F 16 m	13/00
161–162	F 16 m	11/00
163–165	F 16 m	11/32
166–173	F 16 m	11/38
174–175	A 45 d	19/04
	A 47 j	47/16

U.S. Class 248—Con.

U.S. Subclass	IPC Subclass	IPC Notation
	F 16 m	11/00
176	F 16 m	11/00
177	F 16 m	11/02
178	F 16 m	11/04
179–180	F 16 m	11/12
181, 182	F 16 m	11/14
183–184	F 16 m	11/12
185	F 16 m	11/10
186	F 16 m	11/08
187	F 16 m	11/04
188	F 16 m	11/16
188.1	F 16 m	11/20
188.2–188.4	F 16 m	11/24
188.2–.4	F 16 m	
188.5	F 16 m	11/26
188.6	F 16 m	11/38
188.7–188.91	F 16 m	11/20
200–205	A 47 d	96/06
	A 47 f	5/00
	A 47 h	1/10
	E 04 g	3/00
	I 06	
206	F 16 b	47/00
207, 208	A 47 f	5/00
	E 06 b	7/28
209	F 24 h	9/06
210–211	E 06 c	7/14
212–220.5	E 04 g	3/00
221	F 16 m	13/02
222–227	A 47 f	5/00
	E 06 b	7/28
227.1	F 24 h	9/06
228–231	A 47 b	96/06
	E 04 g	3/00
232–234	F 24 h	9/06
235–250	A 47 g	29/02
	E 04 g	3/08
	E 06 b	7/28
251–260	A 47 h	1/14
261–265	A 47 h	1/10
266–273	A 47 h	1/10
		1/13
	E 06 b	9/17
274–301	A 47 f	5/00
	A 47 h	1/10
302, 303	A 47 h	1/16
304–308	F 16 b	45/00
309, 310	A 47 f	5/00
	A 47 h	1/10
311–313	A 47 k	1/08
314–316	A 47 f	5/00
	A 47 h	1/10
317–344	B 42 f	13/00
	E 04 g	17/18
345	H 05 k	5/02
345.1	A 47 b	95/00
346, 346.1	A 47 b	91/00
	A 47 g	29/00
347–350	A 47 b	91/00
		95/00
351–357	E 04 g	25/00
	F 16 m	13/00
358	F 16 f	15/04
359–360	A 47 g	29/00
361	A 62 b	35/00
	B 65 j	1/22
362	A 45 d	42/14
363	A 45 d	42/14
	F 16 b	47/00
364	A 47 h	33/00
	E 05 d	17/00
370–403	A 45 d	19/04
	A 47 j	47/16
	F 16 m	13/00
404–414	F 16 m	11/00
415–430	F 16 m	13/00
431–436	F 16 m	11/38
439–440	F 16 m	11/32
441	A 47 b	19/00
		23/00
		41/06
		97/04
442	A 47 f	
	G 04 b	37/14
442.2	B 41 j	11/02
443	G 10 g	5/00
444	A 47 b	97/04
445, 446	A 47 b	23/00
		65/00
447–453	A 47 b	97/04
454–457	A 47 g	1/24
458–465	A 47 b	97/04
466–475	A 47 f	7/14
	A 47 g	1/16
476–487	A 47 g	1/24
488	A 47 f	7/14
	A 47 g	1/04
489–494	A 47 g	1/16
495, 496	A 47 g	1/24
497, 498	A 47 g	1/16

U.S. Class 249

Static molds

(IPC B 29 c)

U.S. Subclass	IPC Subclass	IPC Notation
1	E 01 c	
	E 01 d	
	E 01 g	
	E 02 b	
	E 02 d	
	E 04 c	
	E 04 g	
2	E 01 c	7/00
		13/00
		15/00
		19/50
3–7	E 01 c	7/00
8	E 01 c	7/00
		9/00
		11/22
9	E 01 c	7/00
		11/02
10	E 01 g	
	E 02 b	
11	E 01 g	5/12
	E 02 b	
12	E 01 g	
	E 02 b	
13	B 28 b	7/22
	E 02 d	
	E 04 b	
	E 04 f	
	E 04 g	
14	B 28 b	7/22
	E 04 g	13/06
15	E 04 g	13/00
16	E 04 g	9/10
17	E 04 g	15/06
18, 19	E 04 g	11/00
20–22	E 04 g	11/20
23	E 04 g	13/04
		17/00
24, 25	E 04 g	13/04
26, 27	E 04 g	11/02
28	E 04 g	11/40
29–32	E 04 g	11/40
33, 34	E 04 g	11/06
35	E 04 g	15/00
36–38	E 04 g	11/18
39	E 04 g	15/00
40–47	E 04 g	11/06
		17/06
48, 49	E 04 g	13/02
50	B 28 b	7/22
	E 04 g	11/50
51	E 02 d	5/34
		5/64
	E 04 c	3/30
	E 04 g	13/02
52	B 28 b	7/16
		7/20
53	B 29 c	11/00
54	A 61 c	9/00
55	A 41 g	1/02
	B 22 c	9/22
56	B 22 c	9/28
57	B 22 c	9/24
		9/30
58	B 22 c	9/22
59	B 29 d	1/00
60	B 22 c	9/26
	B 22 d	25/04
61	B 28 b	7/34
62	B 28 b	7/34
	B 29 c	1/08
63, 64	B 29 c	11/00
65	B 28 b	7/32
66–77	B 28 b	7/10
	B 29 c	7/00
	F 25 c	1/24
		7/20
78	B 22 d	27/02
79	B 22 d	27/02
80, 81	B 22 d	27/04
82	B 29 c	11/00
83	B 22 d	19/00
84	B 22 d	7/02
85	B 28 b	9/00
86–88	B 22 d	19/08
89–90	B 22 d	19/04
91	B 22 d	5/00
92	F 25 c	7/00
93, 94	B 22 d	5/00
95–97	B 22 d	19/04
98–101	B 28 b	7/20
102–104	B 41 b	11/62
105	B 22 c	9/08
	B 41 b	11/74
106	B 22 d	7/00
107, 108	B 22 c	9/08
109	B 22 c	9/08
	B 22 d	41/08
110	B 22 d	41/08
111	B 22 d	15/00
112	B 28 b	7/36
	B 41 b	11/54
113	B 28 b	7/36
114–116	B 28 d	7/36
	B 29 c	1/04
117	A 01 j	43/20
	A 32 g	1/22
	B 22 c	9/06
	B 28 b	7/00
		7/36
	B 28 c	1/04
	B 29 c	1/00
	B 29 d	19/02
		21/02
	B 41 b	9/01
	B 41 d	3/00
118	B 41 b	11/56
119	B 22 c	9/20
	B 28 b	7/24
		7/26
	B 41 b	11/68
120–125	B 28 b	7/24
		7/26
126	B 28 b	7/24
		7/26
	B 41 d	3/06
127–133	B 28 b	7/06
	F 25 c	1/24
		7/20
134, 135	B 28 b	7/34
	B 29 c	1/02
136	B 28 b	7/10
137	B 28 b	7/08
	B 41 b	11/66
138	B 41 b	9/10
139	B 29 c	1/16
140, 141	B 29 c	1/14
142	B 28 b	7/16
143	B 29 c	1/14
144	B 22 c	9/24
	B 41 d	3/08
145–153	B 22 c	9/24
154	B 41 d	3/04
155–157	B 28 b	7/02
	B 41 b	11/60
158	B 28 b	7/02
	B 41 b	11/68
159	B 28 b	7/04
	B 41 b	11/68
160	B 41 b	11/54
161, 162	B 41 b	11/56
163–167	B 41 b	11/60
168	B 41 b	11/58

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 249—Con.		
169	B 41 b	11/58
170–173	B 41 b	11/54
174	B 22 d	7/06
175	B 28 b	7/28
	B 29 b	1/06
176, 177	B 28 b	7/28
178–182	B 28 b	7/30
183	B 29 c	1/12
184–186	B 28 b	7/28
187	B 29 c	1/00
188–196	E 04 g	9/00
197–202	B 22 d	7/10
203	F 25 c	7/20
204	B 22 d	7/10
		41/10
205	E 04 g	17/00
206	B 22 d	7/12
		35/04
	B 41 b	11/84
207–212	E 04 g	17/00
213–218	E 04 g	17/06
219	E 04 g	17/00
U.S. Class 250 Radiant energy		
39	G 01 r	23/02
41.3	G 01 n	27/78
	H 01 s	1/00
41.9	B 01 d	59/44
	H 01 j	39/34
42	G 01 n	21/00
		23/00
	H 01 j	37/00
43	G 01 n	21/26
		23/12
	H 01 j	37/00
43.5	G 01 n	21/26
		23/12
	H 01 j	37/00
44	G 01 n	21/26
		23/12
	H 01 j	37/00
45	G 01 n	21/28
		23/14
	H 01 j	37/00
46–49	G 01 n	21/26
		23/12
	J 01 j	37/00
49.5	H 01 j	37/26
50, 51	G 01 n	21/00
		23/00
	H 01 j	37/20
51.5	G 01 n	21/00
		23/20
	H 01 j	37/20
52	G 01 n	21/00
		23/20
	H 01 j	37/20
53	G 01 n	21/34
		23/04
	H 01 j	37/22
54–56	G 01 n	21/00
		23/00
	H 01 j	37/20
57, 58	G 01 n	21/34
		23/04
	H 01 j	37/22
59	G 01 b	15/00
60, 61	G 01 n	23/04
	H 01 j	37/22
61.5	G 01 n	21/00
		23/00
	H 01 j	37/00
62–64	G 01 n	21/00
		23/20
	H 01 j	37/00
65–70	G 01 n	21/34
		23/04
	H 01 j	37/22
	H 05 g	1/60
		1/62
71	G 01 n	21/16
		21/38
		23/00
	H 01 j	1/62
71.5	G 01 j	39/18
	G 01 t	1/20
72	G 01 d	7/06
		13/20
		13/28
	G 04 b	19/32
73	H 01 h	9/18
		17/08
74	E 05 b	1/00
		17/10
		19/24
75	A 47 g	3/00
	H 01 h	3/12
		9/18
76	H 01 h	9/02
		13/04
		19/04
		21/04
		23/04
77	H 01 j	1/62

U.S. Class 250—Con.

U.S. Subclass	IPC Subclass	IPC Notation
		37/10
78	G 01 d	7/06
		11/24
79	G 01 d	11/30
80	H 01 j	1/62
83	G 01 t	
	H 01 j	39/00
83.1	G 01 t	3/00
	H 01 j	39/32
83.3	G 01 t	1/16
	H 01 j	39/00
83.6	G 01 t	1/18
	H 01 j	39/28
		39/30
84	G 21 h	
	H 01 j	35/00
		37/00
		39/12
84.5	G 21 g	3/00
	G 21 h	
85	G 21 h	
	H 01 j	35/00
86	G 21 h	
	H 01 j	5/16
		5/18
87	H 01 j	7/44
88	G 21 h	
	H 01 j	5/02
89	H 01 j	5/02
		7/24
90	G 21 h	
	H 01 j	35/16
91, 92	G 21 h	
	H 01 j	5/48
		39/12
93	H 05 g	1/00
94	H 05 g	1/70
95	H 05 g	1/28
		1/38
96	H 01 j	35/20
	H 05 g	1/68
97	H 05 g	1/34
98	H 05 g	1/24
99	H 05 g	1/34
100, 101	H 05 g	1/12
102	H 05 g	1/14
		1/18
		1/20
103	H 05 g	1/32
		1/34
104	H 05 g	1/02
105	G 21 f	5/02
	H 01 j	1/52
		35/16
106	G 21 h	5/00
108	G 21 f	1/00
		3/00
		5/00
		7/00
199	H 04 b	9/00
200	G 01 j	
	H 01 j	39/00
201	G 01 j	1/20
202	G 05 b	1/00
203	G 01 j	1/20
204	G 01 j	1/36
205	G 01 j	1/32
206	G 01 j	
	H 01 j	39/12
207	H 01 j	39/12
208 – 212	H 01 j	39/12
213	H 01 j	31/50
		39/12
214, 215	H 01 j	39/12
216	H 01 j	3/14
		5/16
		39/12
217	G 02 f	1/28
	H 01 j	39/12
218	G 01 n	21/26
219	G 01 n	21/30
220	H 01 j	39/12
221 – 224	G 06 m	7/00
	H 01 j	39/12
225	G 02 f	1/18
	H 01 j	39/12
226	G 01 j	3/34
		3/50
	H 01 j	5/16
		39/12

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 250—Con.		
227	G 02 b	5/14
	H 01 j	5/16
		39/12
228	G 01 j	1/00
229	G 01 d	5/34
	H 01 j	1/56
230	G 01 d	5/30
231	G 01 d	5/34
232, 233	G 01 d	5/36
234 – 237	H 01 j	3/14
		5/16
		39/12
238	H 01 j	7/24
		39/12
239	H 01 j	5/02
		39/12

U.S. Class 251

Valves and value actuation

(IPC F 16 k)

1	E 21 b	33/06
3	B 23 q	35/18
4 – 10	F 16 l	55/14
11	F 16 k	31/00
		31/18
12	F 16 k	31/12
14	F 16 k	31/00
		31/12
		31/44
15 – 23	F 16 k	21/04
		31/12
24 – 60	F 16 k	31/12
61, 61.1 – 61.5	F 16 k	31/145
		31/165
		31/365
		31/385
62	F 16 k	31/143
		31/165
		31/363
		31/383
63	F 16 k	31/143
		31/363
		31/383
63.4 – 63.6	F 16 k	31/143
		31/163
		31/363
		31/383
64	F 16 k	31/00
65	F 16 k	31/08
66 – 83	F 16 k	31/44
84 – 88	F 16 k	25/00
89 – 116	F 16 k	35/00
117	F 16 k	51/00
118 – 127	F 16 k	47/00
	F 16 l	55/02
128	F 16 k	31/00
129 – 141	F 16 k	31/02
142, 143	F 16 k	51/00
144 – 147	F 16 k	51/00
148 – 152	F 16 k	51/00
	F 16 l	29/00
149 – 149.7	F 16 l	29/00
		37/28
149.8	F 16 k	
149.9	F 16 l	29/00
		37/28
153 – 156	F 16 k	51/00
157 – 204	F 16 k	25/00
205 – 207	F 16 k	
208, 209	F 16 k	5/10
210, 211	F 16 k	
212	F 16 k	3/00
213 – 280	F 16 k	31/44
281 – 283	F 16 k	39/00
284 – 288	F 16 k	51/00
289 – 297	F 16 k	31/00
298 – 303	F 16 k	1/16
304	F 16 k	5/00
305 – 308	F 16 k	1/22
309 – 317	F 16 k	5/00
318 – 325	F 16 k	1/00
		15/00
326 – 329	F 16 k	3/00
330 – 334	F 16 k	1/00
		15/00
335	F 16 k	31/00
336 – 338	F 16 k	
339 – 355	F 16 k	31/00
356 – 369	F 16 k	

U.S. Class 252

Compositions

(IPC C 09 k)

1	C 09 k	
2 – 8.05	A 62 c	
	A 62 d	1/00
8.1	B 27 k	3/00
	C 09 d	5/18
	C 09 k	3/28
8.3	C 09 k	3/00
	E 21 b	43/28
8.5	C 09 k	3/00
	C 10 m	
	E 21 b	21/04
	E 21 c	41/10
8.55	C 09 k	3/00
	E 21 b	
8.57	C 14 c	9/00
8.6 – 8.9	D 06 m	
9 – 11	C 10 m	
12 – 12.6	C 10 m	5/00
		7/00
	F 16 c	
	F 16 d	69/00
13 – 14	C 10 m	5/00
		7/00
15	C 10 m	9/00
16	C 08	
	C 10 m	
17 – 24	C 10 m	3/18
		5/14
		7/20
		7/24
25, 26	C 10 m	1/10
		3/02
		5/02
		7/02
27	C 10 m	1/12
		3/02
		5/02
		7/06
28 – 30	C 10 m	1/10
		3/02
		5/02
		7/04
31	C 10 m	3/06
32	C 10 m	
32.5	C 10 m	1/44
		3/38
		5/24
		7/24
32.7	C 10 m	1/48
		3/42
		5/24
		7/46
33 – 33.4	C 10 m	1/40
		3/34
		5/22
		7/38
33.6	C 10 m	1/54
		3/48
		5/28
34, 34.7	C 10 m	1/32
		3/26
		5/20
		7/30
35	C 10 m	1/24
		3/18
		5/14
		7/20
36	C 10 m	1/24
		3/18
		5/16
		7/22
37 – 37.5	C 10 m	1/24
		3/18
		5/14
		7/20
37.7	C 10 m	1/20
		3/14
		5/12
		7/16
38 – 40	C 10 m	1/24
		3/18
		5/16
		7/22
40.7	C 10 m	1/54
		3/48
		5/28
		7/52
41 – 42	C 10 m	1/24
		3/18
		5/14
		7/20
42.1	C 10 m	1/54
		3/48
		5/28
		7/52
42.4	C 10 m	1/24
		3/18
		5/14
		7/20
42.7	C 10 m	1/54
		3/48
		5/28
		7/52
43	C 10 m	1/18
		3/12
		5/10
		7/14
45	C 10 m	1/38
		3/32
		5/22
		7/36
46.3 – 46.4	C 10 m	1/54
		3/48
		5/28
		7/52
46.6 – 46.7	C 10 m	1/48
		3/42
		5/24
		7/46
47 – 48.8	C 10 m	1/38
		3/32
		5/28
		7/36
49 – 49.5	C 10 m	1/06
		3/04
		5/04
		7/08
49.6	C 10 m	1/10

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 252—Con.		
		1/50
		3/02
		7/02
		7/48
49.7 – 49.9	C 10 m	1/10
		3/02
		5/02
		7/02
50 – 51.5	C 10 m	1/32
		3/26
		5/20
		7/30
52	C 10 m	1/20
		3/14
		5/12
		7/16
54	C 10 m	1/30
		3/24
		5/18
		7/28
55	C 10 m	1/20
		3/14
		5/12
		7/16
56 – 57	C 10 m	1/24
		3/18
		5/12
		7/20
58	C 10 m	1/00
		3/24
		5/18
		7/28
59	C 10 m	1/16
		3/10
		5/08
		7/12
60	B 29 f	
	C 09 k	3/00
61	B 03 d	
	C 09 k	3/00
	C 22 b	1/00
		3/00
62	C 04 b	43/00
	E 04 b	1/74
62.1	G 03 g	9/00
62.2	H 01 g	
62.3	C 04 b	35/00
	H 01 l	3/00
62.51	C 04 b	35/00
	H 01 f	1/00
62.52	C 04 b	35/00
	C 09 k	3/00
	G 01 m	27/82
	H 01 J	1/28
62.53	C 04 b	35/64
	H 01 f	1/00
		1/28
62.54	C 04 b	35/04
	H 01 f	1/00
		1/26
62.55	B 22 f	3/00
	C 04 b	35/64
	H 01 f	1/04
		1/14
62.56	C 01 g	49/08
	C 04 b	35/26
		35/64
62.57	C 04 b	35/40
		35/64
	H 01 f	1/00
62.58 – 62.64	C 04 b	35/26
		35/64
	H 01 f	1/00
62.9	C 04 b	35/00
63 – 63.2	H 01 b	3/00
63.5	H 01 b	3/02
63.7 – 65	H 01 b	3/18
66	H 01 b	3/24
67 – 69	C 09 k	3/02
	C 10 m	
	F 25	
70	C 09 k	3/18
71	C 09 k	3/02
72	C 09 k	3/02
		3/12
73 – 79	C 09 k	3/02
79.1 – 79.5	C 09 k	3/00
	C 23 d	1/00
80	C 02 b	5/00
81	C 02 b	5/02
82 – 87	C 02 b	5/06
88	C 09 k	3/22
89	C 11 d	
90 – 93	C 11 d	17/00
94 – 95	C 11 d	7/54
	0 06 i	3/00
96 – 98	C 11 d	9/42
	0 06 l	3/00
99	C 11 d	7/18
		7/38
		7/56
	0 06 l	3/00
100 – 101	C 11 d	7/54
	0 06 l	3/00
102	A 62 d	5/00
	C 11 d	7/54
	0 06 l	3/00
103 – 105	C 11 d	7/54
	0 06 l	3/00
106	C 11 d	3/48
107	C 11 d	9/50
108	C 11 d	9/00
		15/00
109	C 11 d	9/10
		15/04
110 – 113	C 11 d	9/30
		15/04
114 – 115	C 11 d	9/00
		15/04
116	C 11 d	9/18
		15/04
117 – 120	C 11 d	9/30
		15/04
121	C 11 d	9/32
		15/04
122 – 127	C 11 d	9/00
		15/04
128 – 130	C 11 d	9/18
		15/04
131	C 11 d	9/20
		15/04
132	C 11 d	9/22
		15/04
133	C 11 d	9/06
		15/04
134	C 11 d	17/00
135	C 11 d	3/04
		7/00
		11/00
136	C 11 d	3/04
		7/08
137	C 11 d	3/066
		3/07
138	C 11 d	3/065
139	C 11 d	3/00
		7/10
140	C 11 d	3/12
		7/10
141	C 11 d	7/02
142	C 11 d	7/08
	C 23 g	1/02
143, 144	C 11 d	7/08
		7/50
145	C 11 d	7/08
146, 147	C 11 d	7/00
	C 23 g	1/04
148 – 151	C 11 d	7/00
	C 23 g	1/06
152 – 155	C 11 d	1/18
		1/38
		1/50
		3/26
		7/32
156 – 160	C 11 d	7/06
		7/12
161	C 11 d	1/12
162	C 09 d	9/00
	C 11 d	7/22
		7/50
163 – 169	C 09 d	9/02
	C 11 d	7/50
	C 23 g	5/00
170 – 172	C 09 d	9/00
	C 11 d	7/50
	C 23 g	5/02
173	C 11 d	
174	C 11 d	17/00
175 – 181	C 02 b	1/00
		5/00
181.1 – 181.7	H 01 j	7/18
		35/20
	H 01 k	1/56
182	C 09 k	3/00
	H 05 b	33/00
184	C 01 b	31/16
	C 09 k	3/00
185	C 09 k	3/00
186	A 61 l	13/00
	C 01 b	13/00
		15/00
	C 09 k	3/00
187	A 61 l	13/00
	C 01 b	11/00
	C 09 k	3/00
188 – 194	C 09 k	3/00
259.5	B 27 k	
	C 09 k	3/00
300	F 21 v	9/00
	G 02 b	5/20
	G 02 c	7/10
	G 03 c	
301.1	C 09 k	3/00
	G 21 c	19/42
301.2, 301.3	C 09 k	1/00
	F 21 k	2/00
301.4	C 09 k	1/04
301.5	C 09 k	1/28
301.6	C 09 k	1/04
302	B 01 f	3/00
	B 01 j	13/00
303, 304	B 01 f	3/00
	B 01 j	13/00
305	C 09 k	3/30
306 – 314	B 01 j	13/00
315 – 317	B 01 g	1/00
	B 01 j	13/00
318	B 01 f	3/00
319, 320	B 01 d	17/00
321	B 01 d	
322 – 327	B 01 d	17/00
328 – 345	B 01 d	17/04
346 – 348	B 01 d	17/00
349	B 01 d	17/00
		19/00
350	C 06 d	
	C 09 k	3/00
351 – 352	B 01 f	17/00
353	B 01 f	17/02
		17/12
354	B 01 f	17/00
		17/30
355	B 01 f	17/00
		17/16
		17/28
356	B 01 f	17/30
357	B 01 f	17/16
		17/28
358	B 01 d	17/00
		19/04
	C 09 k	3/00
359	B 01 d	
	B 01 f	
	B 01 j	13/00
360	B 01 d	17/00
		19/00
361	B 01 d	19/00
362, 363	B 01 d	19/00
363.5	B 01 f	3/00
	C 09 k	3/00
364	B 01 f	1/00
	C 23 g	5/00
365	C 09 k	3/00
366	C 12 f	5/00
367 – 370	C 11 d	13/00
		15/00
371	C 11 d	13/00
		15/02
372	C 01 b	2/00
	C 09 k	3/00
373	C 07 c	1/02

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 252—Con.		
	C 10 k	
374–377	C 01 b	2/02
		2/30
378	C 04 b	31/22
		31/26
380	C 09 k	3/00
381	B 27 k	
	C 09 k	3/00
382	C 09 k	3/00
383	A 23 l	1/00
384–385	C 09 k	3/00
386	C 09 k	3/00
	C 10 g	
	C 10 l	
387–396	C 09 k	3/00
	C 23 f	11/00
397–407	B 01 j	1/16
	C 09 k	3/00
408	C 09 k	3/00
	G 01 n	31/00
		33/00
410	A 62 d	3/00
	B 01 d	15/00
		53/00
		55/00
	B 01 j	11/00
411–414	B 01 d	15/06
	B 01 j	11/02
415	B 01 d	15/06
	B 01 j	11/02
		11/66
		11/80
416–419	B 01 d	15/06
	B 01 j	11/04
		11/68
420	B 01 d	15/06
	B 01 j	11/02
421–425	C 01 b	31/08
425.5	B 41 k	
	B 41 l	
	C 09 k	3/00
	F 21 l	25/00
	F 23 d	3/08
426–431	B 01 j	
432	B 01 j	11/82
433	B 01 j	11/78
434–438	B 01 j	11/82
439	B 01 j	11/74
440	B 01 j	11/82
441–442	B 01 j	11/78
443	B 01 j	11/82
444–445	B 01 j	11/06
	C 01 b	31/08
446–447	B 01 j	11/06
448	B 01 j	11/44
449, 450	B 01 j	11/32
		11/58
		11/60
451	B 01 j	11/36
		11/58
452	B 01 j	11/34
453–455	B 01 j	11/40
	C 01 b	33/20
456	B 01 j	11/06
457	B 01 j	11/32
		11/42
	C 01 d	33/24
458	B 01 j	11/06
		11/32
459	B 01 j	11/22
		11/32
460	B 01 j	11/08
		11/32
461–465	B 01 j	11/06
		11/32
466	B 01 j	11/08
		11/22
467–469	B 01 j	11/06
		11/32
470	B 01 j	11/08
		11/22
		11/84
471	B 01 j	11/06
		11/32
472	B 01 j	11/08
		11/22
		11/32
		11/84
473, 474	B 01 j	11/08
		11/22
		11/84
475	B 01 j	11/00
476	B 01 j	11/00
		11/20
		11/22
477	B 01 j	
478	A 62 d	
	C 04 b	35/68
	C 09 k	3/00
	E 04 b	
	G 21 c	5/12
		7/24
492	F 21 h	1/02
500	H 01 b	1/00
	H 01 c	
501	H 01 c	
	H 01 l	13/00
502–505	H 01 b	1/04
	H 01 c	
506–511	H 01 b	1/06
	H 01 c	
512–515	H 01 b	1/02
	H 01 c	
516	H 01 b	1/04
	H 01 c	
517	H 01 b	1/00
	H 01 c	
518–521	H 01 b	1/06
	H 01 c	
522	A 61 k	7/00
	C 11 b	9/00

U.S. Class 253

Motors, fluid

(IPC F 01 d)

U.S. Subclass	IPC Subclass	IPC Notation
1	F 01 d	
	F 03 b	
2, 3	F 01 d	15/06
	F 03 b	13/00
4–14	F 03 b	13/12
16.5	F 01 d	1/24
17–19	F 03 b	17/00
20, 21	F 03 b	9/00
22, 23	F 03 b	1/00
24	F 03 b	15/20
25–35	F 03 b	1/00
36–38	F 01 d	
39	F 01 d	1/00
39.1	F 01 d	25/12
39.15	F 01 d	5/08
		5/18
40–46	F 01 d	1/00
		3/00
47–51	F 01 d	1/30
52	F 01 d	17/00
		19/00
		21/00
53–57	F 01 d	1/00
		3/00
59	F 01 d	17/00
		19/00
		21/00
65–69	F 01 d	1/00
		3/00
70	F 01 d	1/30
71	F 01 d	1/00
		3/00
72, 73	F 01 d	1/30
74–76	F 01 d	1/00
		3/00
77	F 01 d	5/00
		7/00
78	F 01 d	9/00
79	F 01 d	1/00
		3/00
81	F 01 d	1/30
82	F 01 d	17/00
		19/00
		21/00
85–96	F 01 d	1/00
		3/00
97	F 01 d	17/00
		19/00
		21/00
101–104	F 01 d	1/00
		3/00
105	F 01 d	1/30
106–120	F 01 d	1/00
		3/00
121–123	F 01 d	17/00
124–126	F 01 d	1/00
		3/00
127, 128	F 01 d	17/00
129, 130	F 01 d	1/00
		3/00
131	F 01 d	17/00
132–137	F 01 d	1/30
138, 139	F 01 d	17/00
		19/00
		21/00
140–141	F 01 d	1/00
		3/00
142	F 01 d	1/30
143, 144	F 01 d	17/00
		19/00
		21/00
148–153	F 01 d	1/00
		3/00
		17/00
		19/00
		21/00
154–156	F 01 d	17/00
157–159	F 01 d	1/00
		3/00
160	F 01 d	17/00
163–164	F 01 d	1/00
		3/00
165	F 01 d	1/30
166	F 01 d	17/00
167	F 01 d	1/00
		3/00
168–170	F 01 d	17/00
171, 172	F 01 d	1/00
		3/00
173–175	F 01 d	1/18

U.S. Class 254

Pushing and pulling implements

(IPC B 66 f)

U.S. Subclass	IPC Subclass	IPC Notation
2	B 60 p	1/00
3	B 60 p	1/04
4	B 60 p	1/14
		1/22
5	B 60 p	1/02
6	B 60 p	1/12
		1/20
7	B 60 p	1/10
8–10.5	B 60 p	1/48
11	B 66 f	3/00
12	B 66 f	3/02
13	B 66 f	3/08
14–17	B 66 f	3/00
18–27	B 25 c	11/00
	B 66 f	15/00
28	B 25 c	11/00
28.5	B 66 f	7/26
29–31	E 21 b	19/00
32	B 66 f	7/20
33, 34	B 66 f	7/26
35–38	B 60 s	9/22
39	E 05 f	3/00
40–42	B 41 b	1/20
43, 44	E 01 b	29/22
45–50	B 66 f	7/26
50.1–50.4	B 60 c	25/14
51	B 66 f	
52–56	F 16 g	11/12
57	A 47 g	27/04
58–63	A 47 g	27/04
64	B 65 h	75/30
65	B 66 d	3/08
66, 67	B 66 f	3/08

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 254—Con.		
68–70	B 66 f	1/00
71,72	B 66 f	1/04
73,74	B 66 f	7/06
75–84	B 66 f	3/00
85	B 66 f	3/08
86	B 60 s	9/02
87	B 60 s	9/14
88	E 02 c	3/00
89–91	B 66 f	7/12
92	B 66 f	7/14
93	B 66 f	3/24
94	B 66 f	7/22
95	B 66 f	3/02
96	B 66 f	3/08
97	B 66 f	3/16
98,99	B 66 f	3/08
100	B 66 f	3/36
101	B 66 f	3/38
102	B 66 f	3/10
103	B 66 f	3/18
104	B 66 f	
105–107	B 66 f	1/00
108–112	B 66 f	1/04
113–120	B 66 f	3/00
121	E 01 b	29/22
122	B 66 f	3/22
123–134	B 66 f	3/00
134.3–134.7	E 21 c	29/16
135	B 66 d	1/00
136	A 61 g	19/00
137,138	A 01 k	73/06
139.1	B 66 c	23/60
140–146	B 66 c	23/60
147	E 21 c	29/16
148,149	B 66 d	1/00
150	B 66 d	1/30
151–155	A 62 b	1/08
156	A 62 b	1/14
	B 66 d	5/16
157	B 66 d	5/04
158	A 62 b	1/12
159	B 66 d	5/04
160	A 62 b	1/12
161–165	A 63 b	61/04
166	B 66 d	3/00
167–171	B 66 d	1/00
172–175	B 66 d	1/48
175.3	B 66 d	3/16
175.5–175.7	B 66 d	1/76
178	B 66 c	23/72
179–182	B 66 d	1/04
183–185	B 66 d	1/26
186,187	B 66 d	1/00
188	B 66 d	3/04
189	B 66 d	3/08
190–198	B 66 d	1/36

U.S. Class 256

Fences

(IPC E 04 h)

1	E 04 h	17/00
2–9	B 21 f	25/00
	E 04 h	17/04
10	A 01 k	3/00
	H 05 c	
11,12	E 04 h	17/00
12.5	E 01 f	7/02
13	A 01 k	3/00
	E 01 f	7/00
		15/00
13.1	A 01 k	3/00
	E 01 f	15/00
14–18	A 01 k	3/00
	E 01 b	5/18
		17/00
19	E 04 h	17/14
20	E 04 h	17/00
21,22	B 21 f	27/00
	E 04 h	17/16
23	A 01 g	17/06
	E 04 h	17/00
24–31	E 04 h	17/16
32–58	B 21 f	27/00
	E 04 h	17/02
59–72	E 04 h	17/14
73	E 04 h	17/16

U.S. Class 258

Railway mail delivery

(IPC B 61 k)

1	B 61 k	1/00
1.2–1.8	B 64 d	1/00
2–26	B 61 k	1/00

U.S. Class 259

Agitating

(IPC B 01 f)

1	B 01 f	
	B 28 c	
2–4	B 01 f	15/00
5–7	B 01 f	7/00
		15/00
8	B 01 f	7/16
		15/00
9,10	B 01 f	7/02
		15/00
11	B 01 f	15/02
12	B 01 f	9/00
		11/00
		13/00
		15/02
13	B 01 f	11/00
		15/02
14,15	B 01 f	9/00
		15/02
16,17	B 01 f	13/00
		15/02
18,19	B 01 f	5/00
		7/00
		15/02
20	B 01 f	11/00
		15/02
21,22	B 01 f	7/00
		15/02
23–24	B 01 f	7/16
		15/02
25,26	B 01 f	7/02
		15/02
27	B 01 f	7/00
		13/00
		15/02
28	B 01 f	15/02
29	B 01 f	9/00
		11/00
		15/02
30,31	B 01 f	9/00
		15/02
32,33	B 01 f	9/08
		9/10
		15/02
34,35	B 01 f	9/00
		13/00
		15/02
36,37	B 01 f	5/00
		7/00
		15/02
38,39	B 01 f	11/00
40–42	B 01 f	7/00
		15/02
43,44	B 01 f	15/02
45,46	B 01 f	7/02
		15/02
47,48	B 01 f	13/00
49	B 01 f	13/10
50–53	B 01 f	9/00
		13/10
54	B 01 f	9/00
		11/00
		13/00
55,56	B 01 f	11/00
57,58	B 01 f	9/00
59	B 01 f	13/00
60,61	B 01 f	5/00
		7/00
62,63	B 01 f	11/04
64,65	B 01 f	7/00
66,67	B 01 f	7/16
68,69	B 01 f	7/02
70,71	B 01 f	13/00
72	B 01 f	9/00
		13/08
73–74	B 01 f	13/00
75–80	B 01 f	11/00
81,82	B 01 f	9/00
83	B 01 f	11/00
84,85	B 01 f	9/08
		9/10
86,87	B 01 f	11/00
88–90	B 01 f	9/00
91–94	B 01 f	13/00
95	B 01 f	5/12
96	B 01 f	5/16
97,98	B 01 f	5/12
99	B 01 f	5/00
		7/00
100,101	B 01 f	11/00
102,103	B 01 f	7/00
104	B 01 f	7/00
	B 29 b	1/10
105,106	B 01 f	7/00
107,108	B 01 f	7/16
109,110	B 01 f	7/02
111	B 01 f	7/00
112,113	B 01 f	13/00
114	B 01 f	5/26
115	B 01 f	5/12
116	B 01 f	
117	B 01 f	11/00
118,119	B 01 f	7/00
120	B 01 f	7/00
	B 29 b	1/10
121	B 01 f	7/00
122	B 01 f	7/16
123,124	B 01 f	13/00
125	B 01 f	15/00
126	B 01 f	
127,128	B 01 f	11/00
129,130	B 01 f	7/00
131	B 01 f	7/00
	B 29 b	1/10
132,133	B 01 f	7/00
134,135	B 01 f	7/16
136,137	B 01 f	7/02
138	B 01 f	7/00
139–143	B 01 f	13/00
144	B 01 f	
145,146	B 28 c	
147	B 28 c	5/06
148	B 28 c	
149	B 28 c	7/04
150	B 28 c	5/04
151	B 28 c	5/06
152,153	B 28 c	
154	B 28 c	7/04
155–159	B 28 c	1/22
		5/46
160–162	B 28 c	
163	B 28 c	7/00
164–165	B 28 c	7/04
166	B 28 c	7/14
167	B 28 c	7/04
168	B 28 c	7/14
169–172	B 28 c	7/16
173–177	B 28 c	5/18
178,179	B 28 c	5/10
180	B 01 f	5/00
181	A 47 l	11/36

U.S. Class 260

Chemistry, carbon compounds

(IPC C 07)

1	C 07
2	C 08 d

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 260—Con.		
	C 08 f	
	C 08 g	
	C 08 k	
2.1	C 03 j	1/34
	C 08 f	
	C 08 g	
2.2	C 08 f	
	C 08 g	
	C 08 j	1/34
2.3	B 29 h	19/00
	C 08 d	13/38
	C 08 f	47/24
	C 08 g	53/22
2.5	C 08 c	17/08
	C 08 d	13/08
	C 08 f	47/10
	C 08 g	22/44
		53/08
	C 08 j	1/14
3	C 08 c	9/00
		15/00
	C 08 d	9/04
		9/16
3.3	C 08 c	13/00
	C 08 d	9/16
	C 08 f	
	C 08 g	
3.5	C 08 c	9/08
		13/00
	C 08 d	9/16
	C 08 f	
5	C 08 c	9/08
		9/10
	C 08 d	9/04
6	C 08 g	
	C 08 h	7/00
	C 09 h	11/00
	C 09 j	3/00
7	C 08 g	37/16
	C 08 h	7/00
7.5	C 08 g	41/04
	C 08 h	7/00
8	C 08 d	7/08
	C 08 f	
	C 08 h	7/00
9	C 08 b	23/00
		25/00
	C 08 c	9/12
		17/74
	C 08 d	7/08
		9/06
	C 08 g	51/18
	C 08 h	15/02
	C 09 j	3/00
0		65/00
		101/00
13	C 08 b	21/08
		21/14
		21/22
		21/32
	C 08 g	41/00
		43/00
		45/00
		47/00
		49/00
14	C 08 b	21/08
		21/14
		21/32
	C 08 g	37/11
15	C 08 b	21/08
		21/14
		21/32
	C 08 g	37/32
16	C 08 b	21/08
		21/14
		21/32
	C 08 g	39/10
17	C 08 b	21/08
		21/14
		21/32
	C 08 f	29/10
		29/20
		29/30
		29/36
		29/50
		29/56
		31/04
		33/08
		35/06
		37/16
		39/00
		41/10
		43/06
17.2, 17.3	C 08 g	51/18
17.4	C 08 d	9/06
	C 08 f	45/18
17.5	C 08 f	
	C 08 g	
	C 08 h	15/00
18	C 08 f	19/14
		21/01
	C 08 g	51/72
	C 08 h	9/00
	C 08 k	1/66
	C 09 g	
19	C 08 g	5/20
		37/16
		37/18
		51/72
	C 08 h	9/00
20	C 08 g	37/16
		37/20
	C 08 h	9/00
21	C 08 g	51/72
	C 08 h	9/00
	C 09 d	3/50
22	C 08 f	21/04
	C 08 g	17/16
	C 08 h	9/00
	C 09 d	3/64
23	C 08 f	19/14
		21/04
	C 08 h	9/00
	C 09 d	
23.3	C 08 f	31/02
	C 08 h	9/00
23.5	C 08 h	9/00
23.7	C 08 c	11/72
	C 08 d	9/14
	C 08 f	21/04
	C 08 h	9/00
24	C 08 c	9/18
	C 08 d	3/40
	C 08 g	9/32
	C 09 j	3/26
25	C 08 g	5/22
		37/16
	C 09 d	3/54
	C 09 j	3/26
26	C 08 g	17/16
		39/00
	C 09 j	3/26
27	C 08 d	9/12
	C 08 f	
	C 09 j	3/26
28	C 08 g	51/52
	C 08 h	9/00
		13/00
	C 08 k	1/62
		1/64
	C 09 j	3/26
28.5	C 08 c	11/70
	C 08 f	45/52
29.1	C 08 d	9/00
		11/00
	C 08 f	1/84
		45/22
	C 08 g	51/22
	C 09 d	
29.2	C 08 g	51/24
	C 08 j	1/46
	C 09 d	5/02
	C 09 g	1/04
29.3, 29.4	C 08 g	51/24
	C 09 d	5/02
29.6	C 08 f	45/24
	C 09 d	5/02
29.7	C 08 d	7/00
	C 09 d	5/02
29.8	C 08 c	11/22
	C 08 f	45/28
	C 08 g	51/28
	C 08 k	1/22
30.2	C 08 c	11/20
	C 08 f	45/26
	C 08 g	51/26
	C 08 k	1/20
30.4	C 08 c	11/20
	C 08 f	45/26
	C 08 g	51/26
	C 08 k	1/20
30.6	C 08 c	11/66
	C 08 f	45/50
	C 08 g	51/50
	C 08 k	1/60
30.8	C 03 g	51/46
		51/48
	C 08 c	11/54
	C 08 f	45/46
		45/48
	C 08 k	1/54
31.2	C 08 c	11/36
	C 08 f	45/36
	C 08 g	51/36
	C 38 k	1/36
31.4	C 08 c	1/36
	C 08 f	45/42
	C 08 g	51/42
	C 08 k	1/36
31.6	C 08 c	11/36
	C 08 f	45/36
	C 08 g	51/36
	C 08 k	1/36
31.8	C 08 c	11/36
	C 08 f	45/38
		45/40
	C 08 g	51/38
		51/40
	C 08 k	1/36
32.2	C 08 c	11/44
	C 08 f	45/42
	C 08 g	51/42
	C 08 k	1/40
32.4, 32.6	C 08 c	11/44
	C 08 f	45/44
	C 08 g	51/44
32.4, , 32.6	C 08 k	1/40
32.8 – 33.4	C 08 c	11/28
		11/32
	C 08 f	45/34
	C 08 g	51/34
33.6	C 08 c	11/22
	C 08 f	45/28
	C 08 g	51/28
	C 08 k	1/22
33.8	C 08 c	11/24
	C 08 f	45/30
	C 08 g	51/30
	C 08 k	1/24
34.2	C 08 f	47/16
	C 08 g	53/18
	C 08 j	1/44
37	C 08 g	51/04
	C 08 k	1/02
38 – 40	C 08 g	51/04
	C 08 k	1/02
41	C 08 f	1/84
		45/04
	C 08 k	1/02
41.5	C 08 c	11/04
	C 08 d	9/00
45.7	C 08 c	11/00
	C 08 d	7/10
		11/04
	C 08 f	45/54
	C 08 g	51/54
45.75	C 08 f	45/56
		45/62
	C 08 g	45/56
		45/62
45.8, 45.85	C 08 f	45/58
	C 08 g	51/58
45.9	C 08 f	45/60
	C 08 g	51/60
45.95	C 08 f	45/58
	C 08 g	51/58
46	C 08 f	7/10
		13/00
		25/00

U.S. Class 260—Con.

U.S. Subclass	IPC Subclass	IPC Notation
	C 08 g	5/12
46.5	C 08 f	11/04
	C 08 g	31/02
47	C 08 f	7/10
		19/00
	C 08 g	17/13
		33/10
48	C 08 g	33/14
49	C 07 c	143/50
	C 08 g	5/00
		5/02
50	C 08 g	15/02
51	C 08 g	5/00
51.5	C 08 g	9/00
52, 53	C 08 g	5/00
54	C 08 g	5/10
55	C 08 g	5/00
56	C 08 g	5/04
57–60	C 08 g	5/06
61	C 08 g	33/10
62	C 08 f	21/00
	C 08 g	33/10
63	C 08 g	1/12
		15/00
64	C 08 g	1/12
		3/00
65	C 08 g	15/00
66	C 08 f	15/12
		27/18
67	C 08 f	3/40
		15/12
	C 08 g	1/00
		9/00
		20/28
		20/40
67.5–67.8	C 08 g	9/24
68–70	C 08 g	9/08
		9/18
71	C 08 g	9/08
		9/18
		9/32
72	C 08 g	9/00
		19/08
72.5	C 08 g	9/06
73	C 08 f	15/12
		27/18
75	C 08 g	17/00
76	C 08 g	17/00
77	C 08 g	17/18
77.5	C 08 g	22/00
78	C 08 g	20/00
78.3	C 08 g	17/02
78.4	C 08 f	3/60
		3/70
		3/80
		3/82
	C 08 g	30/12
		33/00
78.5	C 08 d	15/00
		19/00
79	C 08 g	23/00
		33/00
79.1	C 08 g	23/00
79.3	C 08 f	3/92
		13/06
	C 08 g	23/00
		33/00
79.5	C 08 c	11/54
	C 08 f	27/06
79.7	C 08 f	3/84
		15/00
		19/00
80	C 08 f	
80.3	C 08 f	15/00
80.6	C 08 f	15/40
		17/00
		19/00
80.7	C 08 d	3/02
	C 08 f	15/40
80.71	C 08 f	15/40
		17/00
		19/00
80.72	C 08 f	17/00
		19/00
80.73	C 08 f	15/40
		17/00
		19/00
80.75	C 08 f	15/40
		17/00
		19/00
80.76	C 08 f	15/40
		17/00
		19/00
80.77	C 08 f	15/40
		17/00
		19/00
80.78	C 08 f	15/40
		17/00
		19/00
80.8	C 08 f	15/40
		17/00
		19/00
80.81	C 08 f	15/40
		17/00
		19/00
81	C 08 f	5/02
82	C 08 f	15/01
		15/42
82.1	C 08 d	1/00
		3/02
	C 08 f	15/00
		19/06
82.3	C 08 d	1/00
		3/02
	C 08 f	15/22
82.5, 82.7	C 08 d	1/12
	C 08 f	1/28
		1/56
		1/58
83.1	C 08 d	1/12
	C 08 f	1/76
83.3	C 08 d	5/00
	C 08 f	1/88
		27/00
83.5	C 08 d	3/02
	C 08 f	15/16
83.7	C 08 d	3/02
	C 08 f	19/06
84.1, 84.3	C 08 d	1/12
	C 08 f	1/28
		1/56
		1/58
84.7	C 08 d	1/12
	C 08 f	1/76
85.1	C 08 d	5/00
	C 08 f	1/88
		27/00
85.3	C 08 d	3/02
	C 08 f	15/04
85.5	C 08 f	15/22
		15/32
		15/36
		15/38
85.7, 86.1	C 08 f	15/00
		15/16
		15/36
86.3	C 08 f	15/24
86.7	C 08 f	15/00
		19/10
87.1	C 08 f	15/24
87.3	C 08 f	15/00
		19/10
87.5	C 08 f	15/00
		15/06
		15/28
		15/32
87.7	C 08 f	15/00
		15/06
		15/32
88.1	C 08 f	15/04
		19/00
88.2	C 08 f	15/04
		19/02
88.3	C 08 f	5/00
		7/00
88.5	C 08 f	5/04
88.7	C 08 f	3/74
89.1	C 08 f	3/50
89.3, 89.5	C 08 f	3/62
89.7	C 08 f	3/81
		3/90
91.1	C 08 f	3/34
91.3	C 08 f	3/34
		27/16
91.5	C 08 f	3/20
		7/00
		7/06
91.7, 92.1	C 08 f	3/20
92.3	C 08 d	3/14
	C 08 f	3/20
92.8	C 08 f	3/22
93.1	C 08 f	3/02
		7/00
93.3	C 08 f	3/02
		7/02
93.5	C 08 f	7/02
93.7	C 08 f	3/02
94.1	C 08 f	9/00
94.2	C 08 d	3/04
	C 08 f	3/16
94.3, 94.4	C 08 d	1/12
	C 08 f	1/28
		1/56
		1/58
94.6	C 08 d	1/12
	C 08 f	1/74
94.7	C 08 d	5/00
	C 08 f	1/88
		27/00
94.8	C 08 d	3/14
94.9	C 08 d	3/04
		3/08
95	C 08 d	1/00
	C 08 f	1/00
	C 08 g	35/00
96	C 08 d	5/00
		13/00
	C 08 f	1/88
		27/00
		47/00
	C 08 g	53/00
96.5	C 07 b	21/00
	C 07 c	127/00
97	C 08 h	11/00
	C 09 f	
	C 11 d	15/00
97.5–98	C 09 f	
99	C 09 f	1/00
		7/02
99.5	C 08 h	11/00
	C 09 f	1/00
		7/06
100	C 09 f	1/00
		7/00
101, 102	C 09 f	1/00
		7/00
103	C 09 f	1/04
		5/00
		7/00
104	C 09 f	1/04
		5/08
		7/00
105	C 09 f	1/00
		7/00
		9/00
	C 11 d	15/00
106	C 09 f	1/00
		5/00
107–111	C 09 f	1/00
		3/00
		5/00
112	A 23 j	
	C 07 g	7/00
	C 08 h	1/00
		7/00
	C 09 h	
112.5	C 07 c	103/52
	C 07 g	7/00
	C 08 h	1/00
	C 09 h	
112.7	A 61 k	17/04
	C 07 c	103/52
	C 07 g	7/00
113–115	C 07 g	7/04
	C 08 h	1/00
		7/00
	C 09 h	
117	C 08 h	1/06
	C 09 h	
118	A 23 j	1/10

U.S. Class 260—Con.

U.S. Subclass	IPC Subclass	IPC Notation
	C 08 h	1/06
	C 09 h	3/00
119	C 07 g	7/00
	C 08 h	1/00
		7/00
120	A 23 j	1/20
		1/22
		3/02
	C 07 g	7/00
	C 08 h	1/00
		7/00
121	C 07 g	7/00
	C 08 h	1/00
		7/00
122	A 23 j	1/00
	C 07 g	7/00
	C 08 h	1/00
		7/00
123	A 23 j	1/00
	C 07 g	7/00
123.5	A 23 j	1/12
		1/14
	C 07 g	7/00
123.7	C 07 g	7/00
	C 08 h	1/00
		7/00
124	C 07 g	1/00
	C 08 h	5/02
125	C 07 g	
	C 09 b	49/00
		59/00
126	C 07 g	3/00
	C 08 b	
127–139	C 07 g	17/00
	C 09 b	49/00
		59/00
140	C 07 c	115/00
	C 07 d	
141, 142	C 07 c	113/00
143	C 07 c	105/00
144	C 07 c	107/00
	C 09 b	27/00
		29/00
		31/00
		33/00
		35/00
		37/00
		39/00
		41/00
		43/00
		45/00
		49/00
		51/00
		62/00
145–147	C 09 b	45/00
148	C 09 b	45/24
149	C 09 b	45/14
150, 151	C 07 c	107/08
	C 09 b	45/14
152–159	C 09 b	29/22
		29/36
		31/14
		31/28
		33/12
		35/18
		35/34
		35/48
		43/16
		62/08
		62/16
		62/24
		62/32
		62/40
160	C 09 b	31/14
		33/12
		35/18
161	C 09 b	35/18
162, 163	C 09 b	29/22
		29/36
		29/38
164, 165	C 09 b	29/22
		29/36
		31/14
		31/28
		33/12
		35/18
		35/34
		35/48
		43/16
		62/40
166, 167	C 09 b	31/30
		33/18
		33/20
		35/36
		35/50
168	C 09 b	35/50
169	C 09 h	31/16
		33/18
		33/20
		35/36
		35/38
170	C 09 b	35/36
		35/38
171	C 09 b	35/46
172	C 09 b	35/36
		35/38
173	C 09 b	31/16
		33/18
		33/20
		35/36
		35/38
174	C 09 b	31/02
		33/02
		35/02
175	C 09 b	31/02
		33/02
		35/02
		35/26
176	C 09 b	31/10
		33/02
		35/02
177	C 09 b	35/02
178	C 09 b	35/08
		35/22
		35/24
		35/28
179	C 09 b	35/04
180–183	C 09 b	35/08
184, 185	C 09 b	33/02
186–191	C 09 b	31/02
192	C 07 c	107/00
	C 09 b	27/00
		29/00
193	C 09 b	29/32
194, 195	C 07 c	107/08
	C 09 b	29/16
		29/20
		29/28
		29/30
196	C 07 c	107/08
	C 09 b	29/08
		29/12
		29/16
		29/20
		29/26
		29/28
		29/30
197	C 07 c	107/08
	C 09 b	29/16
		29/20
		29/28
198, 199	C 07 c	107/08
	C 09 b	29/28
		29/30
200, 201	C 07 c	107/08
	C 09 b	29/16
		29/30
202	C 07 c	107/08
	C 09 b	29/04
		29/20
		29/28
203, 204	C 07 c	107/08
	C 09 b	29/20
205–205.5	C 07 c	107/06
	C 09 b	29/08
		29/12
		29/16
		29/18
		29/26
206	C 07 c	107/06
	C 09 b	29/12
		29/26
207	C 07 c	107/06
	C 09 b	29/14
		29/18
		29/26
207.1	C 07 c	107/06
	C 09 b	24/04
		29/14
		29/18
207.3–207.5	C 07 c	107/06
	C 09 b	29/08
		29/12
		29/16
		29/18
		29/26
208	C 07 c	107/00
	C 09 b	43/00
209	C 07 c	47/18
		69/20
		95/04
	C 07 g	3/00
	C 08 b	
	C 13 k	
	C 13 l	
209.5	A 23 l	1/04
	C 08 b	19/02
		19/12
209.6	A 23 l	1/04
	C 08 b	19/02
		19/10
210	C 07 c	47/18
		129/18
	C 07 g	3/00
	C 08 b	19/00
210.5	C 07 c	173/00
211	C 07 c	95/04
	C 08 b	15/06
		19/02
		19/14
211.3	C 07 d	57/32
211.5	C 07 c	95/04
	C 07 d	51/50
211.7	C 07 d	55/62
212	C 08 b	1/00
		3/00
		5/00
		7/00
		9/00
		11/00
		13/00
		15/00
213	C 08 b	11/14
		15/06
214	C 08 b	3/00
		5/00
		7/00
		13/00
215	C 08 b	3/00
		5/00
		5/14
		9/00
216	C 08 b	9/00
		13/02
217, 218	C 08 b	9/00
219	C 08 b	5/00
		7/00
220	C 08 b	5/00
221	C 08 b	5/02
		7/00
222	C 08 b	1/04
223	C 08 b	5/04
224	C 08 b	3/00
		7/00
225	C 08 b	3/16
		3/18
226	C 08 b	13/00
227	C 08 b	3/04
		3/06
		3/08
228	C 08 b	3/04
229	C 08 b	1/02
		3/00
230	C 08 b	3/22
231	C 08 b	11/00
232	C 08 b	11/20
233	C 08 b	1/08
233.3	C 08 b	19/01
		19/02
		19/06

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	C 13 l	
233.5	C 08 b	19/02
		19/04
	C 13 l	1/08
234	C 07 c	69/20
		69/32
	C 08 b	19/00
235	C 07 c	77/02
	C 08 b	19/00
236	C 07 g	5/00
236.5	C 07 g	17/00
236.6	C 11 b	9/00
239	C 07 d	
239.1	C 07 d	99/14
239.3	C 07 d	41/00
		41/06
		53/00
		87/54
		93/36
239.5 – 239.57	C 07 c	173/00
239.6, 239.65	C 07 d	49/22
		51/44
		85/46
		91/36
239.7	C 07 d	51/00
		55/00
		87/00
		93/00
239.75	C 07 d	51/41
239.8	C 07 d	29/00
		31/00
		33/00
		35/00
		37/00
		39/00
		57/04
239.9	C 07 d	49/00
		49/22
		85/00
		85/46
		91/00
		97/02
239.95	C 07 d	91/00
		91/36
240, 240.1	C 07 d	
	C 09 b	23/00
		55/00
240.2, 240.3	C 09 b	23/00
240.4	C 09 b	23/10
240.5	C 09 b	23/08
240.6, 240.65	C 09 b	23/06
240.7	C 09 b	23/04
240.8	C 09 b	23/00
240.9	C 07 d	
	C 09 b	23/14
241	C 07 d	51/00
		55/00
		57/00
		87/00
		93/00
		97/00
		99/00
		101/00
242	C 07 d	103/00
		105/00
		107/00
	C 07 f	
243	C 07 d	93/00
		99/24
244	C 07 d	87/00
245	C 07 d	87/00
	C 09 b	19/00
246	C 07 d	87/00
	C 09 b	19/02
247	C 07 d	87/22
247.1	C 07 d	87/46
247.2	C 07 d	87/36
		87/42
247.5	C 07 d	87/38
		87/40
247.7	C 07 d	87/32
		87/34
248	C 07 d	55/00
		57/34
248.5, 248.6	C 07 d	55/52
249	C 07 d	55/00
		57/34
	C 09 b	1/46
249.5	C 07 d	55/00
		57/00
249.6	C 07 d	55/22
249.7	C 07 d	55/24
249.8	C 07 d	55/20
		55/44
		55/46
249.9	C 07 d	55/20
250	C 07 d	51/00
		57/00
251	C 07 d	51/18
		51/28
		51/34
		51/36
		57/12
		91/52
		91/58
		91/66
251.5	C 07 d	57/28
		57/30
252 – 255	C 07 d	57/36
256	C 07 d	57/40
		57/42
		57/48
		57/54
256.4	C 07 d	51/42
256.5	C 07 d	51/42
		51/44
256.6	C 07 d	99/12
257	C 07 d	51/20
258, 259	C 07 d	51/20
		51/22
260	C 07 d	51/18
		51/24
		51/28
261	C 07 d	51/00
	C 09 b	5/16
		5/44
		62/22
262	C 07 d	51/00
		57/00
	C 09 b	5/16
		5/44
263 – 265	C 07 d	51/62
	C 09 b	5/46
266, 267	C 07 d	51/80
	C 09 b	17/00
268	C 07 d	51/64
		51/66
		51/68
		51/70
		51/72
269	C 07 d	29/00
		31/00
		33/00
		35/00
		37/00
		39/00
		43/00
		57/00
		101/00
270	C 07 d	103/00
		105/00
		107/00
	C 07 f	
271	C 07 d	105/06
	C 07 f	9/80
272	C 07 d	39/00
	C 09 b	5/00
		15/00
		17/00
273	C 09 b	5/20
274	C 07 d	
	C 09 b	5/02
		37/00
275	C 07 d	37/00
	C 09 b	5/02
		5/24
276, 277	C 09 b	5/34
278	C 09 b	5/14
279	C 07 d	37/00
	C 09 b	15/00
280	C 07 d	29/04
		31/06
		33/18
		35/20
		37/00
		39/00
281	C 07 d	29/20
		31/32
		33/46
		35/30
		39/00
282	C 07 d	49/30
		57/02
283	C 07 d	33/00
		35/00
		39/00
		57/04
284	C 07 d	43/24
285	C 07 d	35/28
		43/28
285.5	C 07 d	43/20
286	C 07 d	33/00
		35/00
		39/00
		57/04
287	C 07 d	33/48
		33/56
		35/32
		35/38
		57/08
		57/10
288	C 07 d	33/50
		35/36
		39/00
		57/04
289	C 07 d	33/38
		33/46
		35/28
		35/30
		39/00
		57/04
290	C 07 d	29/00
		31/00
291	C 07 d	43/02
		43/04
292	C 07 d	43/06
293	C 07 d	29/00
293.2	C 07 d	29/06
293.4	C 07 d	29/34
294	C 07 d	29/24
		29/30
294.3	C 07 d	29/24
294.7	C 07 d	29/16
		29/20
294.8	C 07 d	31/48
		31/50
294.9	C 07 d	31/40
		31/46
295	C 07 d	31/34
		31/44
295.5	C 07 d	31/36
		31/44
296	C 07 d	31/42
297	C 07 d	31/28
		31/32
297.5	C 07 d	31/32
298	C 07 d	49/00
		85/00
		91/00
		99/02
299	C 07 d	103/00
		105/00
		107/00
	C 07 f	
300	C 07 d	105/06
	C 07 f	9/80
301	C 07 d	91/00
		91/08
302	C 07 d	91/00
		99/02
303	C 07 d	91/00
	C 09 b	5/10
		5/24
304	C 07 d	91/00
		91/42
305	C 07 d	91/46
306 – 306.6	C 07 d	91/42
		91/48
306.7	C 07 d	91/14

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		91/22
306.8	C 07 d	91/00
		91/18
		91/26
		91/34
		91/46
307	C 07 d	85/00
307.5	C 07 d	85/00
	C 09 b	5/00
		5/24
308	C 07 d	55/02
		55/04
		55/06
		55/56
		57/18
309	C 07 d	49/00
		57/00
		99/02
309.2	C 07 d	49/30
		49/36
		49/38
		49/40
309.5	C 07 d	49/30
		49/32
309.6	C 07 d	49/34
		49/44
309.7	C 07 d	49/30
		49/44
		99/08
310, 311	C 07 d	49/02
		57/00
		99/00
312	C 07 d	49/24
	C 09 b	5/04
313.1	C 07 d	27/00
314	C 07 d	27/76
	C 09 b	47/00
314.5	C 07 d	27/76
	C 09 b	47/04
315	C 07 d	27/64
		27/66
		27/68
316	C 07 d	27/64
		27/66
		27/68
	C 09 b	5/00
		5/24
		5/26
317	C 07 d	27/64
		27/66
		27/68
	C 09 b	53/02
318	C 07 d	27/64
		27/66
319.1, 320	C 07 d	27/00
321	C 09 b	7/00
		9/04
322	C 09 b	7/00
323	C 09 b	7/00
		7/02
324	C 09 b	7/00
		7/04
325	C 07 d	27/00
		27/40
		27/42
326	C 07 d	27/00
		27/52
326.1	C 07 d	27/00
		27/48
		27/56
326.11	C 07 d	27/36
		27/38
		27/44
		27/48
326.12 – 326.16	C 07 d	27/00
		27/56
326.3 – 326.6	C 07 d	27/00
326.61	C 07 d	103/00
		105/00
		107/00
	C 07 f	
326.62	C 07 d	27/00
326.8 – 326.87	C 07 d	27/00
		27/02
326.9	C 07 d	27/00
327	C 07 d	59/00
		61/00
		63/00
		65/00
		67/00
		69/00
		71/00
		73/00
		75/00
		77/00
		79/00
		95/00
		99/00
328	C 07 d	65/16
		65/18
	C 09 b	5/34
329	C 07 d	63/00
329.2	C 07 d	63/00
	C 09 b	5/12
		5/24
329.3	C 07 d	63/18
		63/24
330.5	C 07 d	63/18
331, 332	C 09 b	7/00
		9/14
332.1	C 07 d	63/00
		63/12
332.2	C 07 d	63/00
		63/16
332.3	C 07 d	63/00
332.5	C 07 d	63/00
		63/14
332.8	C 07 d	63/00
333	C 07 d	1/00
		3/00
		5/00
		7/00
		9/00
		11/00
		13/00
		15/00
		17/00
		19/00
		21/00
335, 336	C 07 d	7/42
		7/44
	C 09 b	11/28
338	C 07 d	11/00
		13/00
		15/00
		17/00
		19/00
		21/00
		99/00
		101/00
339	C 07 c	75/00
340	C 07 d	13/00
		15/00
		17/00
		19/00
		21/00
340.2	C 07 d	13/00
		13/06
		15/00
		15/16
		17/00
		19/00
340.3	C 07 d	11/00
		13/00
		15/00
		17/00
		19/00
		21/00
		101/00
340.5	C 07 d	13/00
		19/00
		21/00
340.6, 340.7	C 07 d	15/00
		19/00
		21/00
340.9	C 07 d	13/00
		19/00
		21/00
343	C 07 d	3/00
		5/00
		7/00
		9/00
		21/00
343.2	C 07 d	3/00
		5/00
		7/00
		9/00
		21/00
		101/00
343.3	C 07 d	5/00
		5/32
343.4	C 07 d	5/38
	C 09 b	11/08
		11/24
343.5	C 07 d	7/00
		7/06
343.6	C 07 d	5/00
		5/06
343.7	C 07 d	5/12
343.9	C 07 d	3/00
345.1	C 07 d	7/00
		21/00
345.2, 345.3	C 07 d	7/00
		7/18
345.4	C 07 d	7/18
345.5	C 07 d	7/18
		7/20
		7/22
		7/34
		7/40
345.6	C 07 d	7/22
345.7 – 345.9	C 07 d	7/00
346.1	C 07 d	5/00
346.2	C 07 d	5/00
		5/32
346.3	C 07 c	61/00
		63/00
		65/00
346.4	C 07 c	61/00
		63/02
		65/00
346.6	C 07 c	51/44
		61/00
		63/00
		65/00
346.7	C 07 c	63/18
346.8	C 07 c	55/00
		57/00
		59/00
347.2	C 07 d	5/00
347.3, 347.4	C 07 d	5/00
		5/26
347.5	C 07 d	5/26
		5/28
347.7	C 07 d	5/00
347.8	C 07 d	5/00
		5/20
		5/22
347.9	C 07 d	5/22
		5/24
348	C 07 d	1/00
348.5	C 07 d	1/06
		1/08
		1/10
348.6	C 07 d	1/04
349	C 07 c	117/00
	C 07 d	109/00
350	C 07 c	
	C 07 d	103/00
		105/00
		107/00
	C 07 f	
351	C 07 c	49/68
		49/70
		49/72
	C 09 b	1/00
		3/00
352	C 07 c	49/70
	C 09 b	3/00
		3/02
353 – 358	C 09 b	3/22
359	C 09 b	3/60
360	C 09 b	3/40
361	C 09 b	3/70
362	C 09 b	3/00
		3/50
363	C 09 b	3/12
364	C 09 b	3/02
365	C 07 c	49/68

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		49/70
		49/72
		97/12
	C 09 b	1/00
		3/00
		13/00
366	C 07 d	103/00
		105/00
		107/00
	C 07 f	
	C 09 b	1/00
		3/00
		13/00
		63/00
367–369	C 07 c	49/68
		97/12
	C 09 b	1/00
370	C 07 c	143/36
		143/38
	C 09 b	1/12
		1/24
		1/30
		1/34
		1/52
371, 372	C 07 c	143/56
	C 09 b	1/24
		1/30
		1/34
		1/52
373	C 07 c	143/64
	C 09 b	1/52
374	C 07 c	143/56
	C 09 b	1/34
375	C 07 c	143/42
	C 09 b	1/12
376	C 07 c	49/68
		49/76
	C 09 b	1/00
377	C 07 c	103/74
	C 09 b	1/36
378	C 07 c	97/12
	C 09 b	1/16
379, 380	C 07 c	97/14
	C 09 b	1/50
381	C 07 c	97/12
	C 09 b	1/16
382	C 07 c	97/12
	C 09 b	1/20
383	C 07 c	49/74
	C 09 b	1/02
384	C 07 c	49/68
	C 09 b	1/00
		1/10
385	C 07 c	49/68
	C 09 b	1/06
386	C 07 c	15/16
	C 09 b	11/00
387	C 07 f	
	C 09 b	11/00
388	C 07 c	15/12
	C 09 b	11/00
389	C 07 c	15/16
	C 09 b	11/04
390–394	C 09 b	11/10
395	C 09 b	11/06
396	C 07 c	49/62
		97/08
397	C 07 c	167/00
		169/00
		171/00
397.1	C 07 c	169/00
		171/00
397.2	C 07 c	169/54
		171/10
397.25	C 07 c	167/38
		167/42
397.3–397.5	C 07 c	167/00
		169/00
		171/00
397.6	C 07 c	147/00
397.7	C 07 c	143/78
		143/80
398	C 07 c	53/00
		57/00
		59/00
	C 08 h	9/00
	C 09 f	
	C 11 b	
	C 11 c	
398.5	C 11 b	5/00
399	C 08 h	3/00
		9/02
400–402	C 07 c	143/90
	C 11 d	1/28
402.5	C 08 h	3/00
		9/02
403	A 23 j	7/00
	C 07 f	9/02
		9/10
	C 11 c	3/00
404–404.8	C 09 f	5/00
		7/00
	C 11 c	3/00
405	C 09 f	5/00
	C 11 c	3/00
405.5	C 09 f	5/00
		5/06
405.6	C 09 f	7/08
	C 11 c	3/14
406	C 09 f	7/02
	C 11 c	3/00
407	C 08 h	9/00
	C 09 f	7/06
408	C 09 f	7/00
	C 11 c	3/00
409	C 11 c	3/12
410, 410.5, 410.6	C 09 f	5/08
		7/10
	C 11 c	3/00
410.7–410.9	C 11 c	3/02
412	C 09 f	5/00
	C 11 b	1/00
412.1–412.4	C 09 f	5/02
	C 11 b	1/00
412.5	C 11 b	13/00
412.6, 412.7	C 11 b	1/12
412.8	C 11 b	1/10
413, 414	C 11 c	1/00
415, 416	C 11 c	1/04
417, 418	C 11 c	1/04
	C 11 d	13/00
419	C 11 c	1/08
420	C 09 f	5/10
	C 11 b	3/00
		7/00
421	C 09 f	5/08
	C 11 b	3/02
423	C 11 b	3/08
424	C 11 b	3/04
425–427	C 11 b	3/06
428, 428.5	C 09 f	5/10
	C 11 b	3/00
429	C 07 c	11/26
	C 07 d	103/00
		105/00
		107/00
	C 07 f	
429.1, 429.2	C 07 f	
429.3	C 07 f	7/00
429.5	C 07 f	7/28
429.7	C 07 f	7/22
429.9	C 07 f	3/06
430	C 07 f	1/10
		1/12
431, 432	C 07 f	3/10
433, 434	C 07 f	3/12
435–437	C 07 f	7/24
438.1	C 07 f	1/08
438.5	C 07 f	11/00
439	C 07 f	15/02
		15/04
		15/06
440, 441	C 07 d	105/06
	C 07 f	9/66
442–445	C 07 d	105/06
	C 07 f	9/70
446	C 07 f	9/90
447	C 07 f	7/94
448	C 07 f	5/06
448.2	C 07 d	103/02
	C 07 f	7/02
448.8	C 07 d	103/04
	C 07 f	7/04
		7/18
449	C 07 c	27/06
		27/20
		29/16
		45/08
449.5	C 07 c	29/16
449.6	C 07 c	27/06
		27/22
		29/16
		45/10
450	C 07 c	27/06
		27/20
		27/26
		29/16
		29/24
		45/08
		45/24
451	C 07 b	3/00
	C 07 c	27/10
452	C 07 c	27/10
		27/26
453	C 07 c	69/00
		71/00
		119/00
		137/00
		139/00
		141/00
		143/00
	C 07 f	
454	C 07 c	161/02
		161/04
455	C 07 c	153/00
		154/00
456	C 07 c	137/00
		141/00
		143/68
		145/00
457	C 07 c	141/00
458	C 07 c	141/02
		141/10
459	C 07 c	141/04
		141/06
460	C 07 c	139/08
462	C 07 c	107/02
	C 07 f	5/04
463	C 07 c	69/00
464	C 07 c	119/02
		121/00
465	C 07 c	121/50
		121/60
		121/66
		121/74
		121/76
		121/78
465.1	C 07 c	121/14
		121/30
		121/34
		121/40
		121/42
465.2	C 07 c	121/10
		121/12
465.3	C 07 c	121/04
465.4	C 07 c	121/00
		121/38
465.5	C 07 c	121/42
465.6	C 07 c	121/34
465.7	C 07 c	121/00
465.8	C 07 c	121/20
		121/28
465.9	C 07 c	121/30
466	C 07 c	77/00
467	C 07 c	77/02
468	C 07 c	69/00
468.5	C 07 c	69/74
469	C 07 c	69/76
470	C 07 c	143/52
		149/40
471, 472	C 07 c	79/46
		101/00
473–473.6	C 07 c	69/76
474	C 07 c	69/84
475, 476	C 07 c	69/76
477	C 07 c	93/20
478, 479	C 07 c	69/00
480	C 07 c	69/86
481	C 07 c	143/12

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		149/20
482	C 07 c	101/00
		125/04
		125/06
483, 484	C 07 c	69/66
485	C 07 c	69/34
		69/52
486	C 07 c	69/52
487	C 07 c	69/62
488	C 07 c	69/02
489	C 07 c	69/02
490	C 07 c	93/18
		93/22
		93/24
		93/26
491 – 493	C 07 c	67/02
		69/02
494 – 496	C 07 c	67/00
		69/02
497, 498	C 07 c	67/04
		69/02
499	C 07 c	67/06
		69/02
500.5	C 07 c	81/00
		83/00
		119/00
		135/00
		163/00
		165/00
	C 07 d	97/00
		99/00
501.1	C 07 c	81/00
		83/00
		87/00
		89/00
		93/00
		95/00
		97/00
		99/00
		163/00
		165/00
	C 07 f	5/02
501.11	C 07 c	101/00
		103/00
501.12	C 07 c	143/00
		145/00
		147/00
		149/00
		153/00
		154/00
		155/00
	C 07 d	105/02
	C 07 f	9/00
501.13	C 07 c	101/00
		103/00
501.14	C 07 c	123/00
		129/00
		157/14
501.15	C 07 c	87/30
		87/46
		87/68
		91/26
		91/38
		91/50
		93/00
		95/00
		97/00
501.16	C 07 c	53/16
		55/00
		61/00
		63/00
		63/12
501.17	C 07 c	83/00
		91/00
		93/00
		95/00
		97/00
		109/06
501.18	C 07 c	83/00
		91/14
		91/16
		91/46
		91/48
		93/00
		95/00
		95/08
		97/06
		97/10
		109/06
501.19	C 07 c	143/00
		145/00
		149/22
		149/24
		149/26
		153/00
		154/00
		155/00
	C 07 d	105/02
	C 07 f	9/02
501.2	C 07 c	87/00
		87/14
		109/00
501.21	C 07 c	87/00
		87/14
		109/00
		143/00
		145/00
		149/00
		153/00
		154/00
		155/00
	C 07 d	105/02
	C 07 f	9/02
502	C 07 c	73/10
502.3	C 07 d	107/02
	C 07 f	5/02
502.4, 502.5	C 07 d	105/02
	C 07 f	9/02
502.6	C 07 c	143/00
		145/00
		149/44
		153/00
		154/00
		155/00
503	C 07 c	143/00
		149/44
503.5	C 07 c	143/00
		143/20
		143/22
504	C 07 b	13/00
	C 07 c	139/00
	C 07 g	9/00
505	C 07 c	143/24
506	C 07 c	143/00
		157/00
507	C 07 c	143/52
508	C 07 c	143/56
509	C 07 c	143/64
510	C 07 c	143/56
511	C 07 c	143/24
512	C 07 c	143/42
513	C 07 c	143/02
		143/16
514	C 07 c	51/00
		53/00
		55/00
		57/00
		59/00
		61/00
		63/00
		65/00
514.5	C 07 c	61/00
		63/00
515	C 07 c	63/00
516	C 07 c	149/20
		149/40
		151/00
517	C 07 c	65/20
518	C 07 c	101/42
		101/44
		101/48
		101/78
519	C 07 c	101/72
520	C 07 c	65/02
		65/14
521	C 07 c	65/02
522	C 07 c	51/38
523, 524	C 07 c	51/16
		63/02
525	C 07 c	51/42
526	C 07 c	53/00
		55/00
		57/00
		59/00
527, 528	C 07 c	51/00
529	C 07 c	99/02
530, 531	C 07 c	51/24
532	C 07 c	51/10
		51/14
		51/24
533	C 07 c	51/00
534	C 07 c	99/00
		101/00
		125/00
535	C 07 c	59/00
536	C 07 c	59/14
537	C 07 c	55/00
		57/00
538	C 07 c	55/06
539	C 07 c	53/16
		53/32
		55/00
		59/00
		61/00
540	C 07 c	53/00
541	C 07 c	53/08
542	C 07 c	53/02
543	C 07 c	143/00
		145/00
		153/00
		155/00
	C 07 d	105/02
	C 07 f	5/02
		9/34
		9/42
		9/46
		9/48
544	C 07 c	51/58
		53/00
		55/00
		57/00
		59/00
		61/00
		63/00
		65/00
		101/00
545	C 07 c	73/02
		153/00
		154/00
		155/00
	C 07 d	105/02
		107/02
	C 07 f	5/02
		9/02
546	C 07 c	51/54
		53/00
		55/00
		57/00
		59/00
		61/00
		63/00
		65/00
		101/00
547 – 549	C 07 c	51/54
		51/56
551	C 07 c	125/00
		145/00
		153/00
	C 07 d	105/02
		107/02
	C 07 f	5/02
		9/22
		9/36
		9/44
		9/46
		9/48
552	C 07 c	157/00
553	C 07 c	127/00
554	C 07 c	133/02
		159/00
555	C 07 c	127/00
556	C 07 c	143/72
		143/84
557	C 07 c	103/00
558	C 07 c	103/20
		103/74
559, 560	C 07 c	103/19
		103/26
		103/74
561, 562	C 07 c	97/16

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U.S. Class 260—Con.		
		103/10
		103/32
		103/56
		103/72
563	C 07 c	83/00
		85/00
		87/00
		89/00
		91/00
		93/00
		95/00
		97/00
		109/00
		111/00
		119/00
		123/00
		129/00
		131/00
		133/00
564	C 07 c	123/00
		129/00
		133/10
565	C 07 c	129/08
566	C 07 c	119/00
		131/00
	C 09 b	55/00
567	C 07 c	153/05
		155/10
567.5	C 07 c	83/00
		85/00
		87/00
		89/00
		91/00
		93/00
		95/00
		97/00
		111/00
567.6	C 07 c	85/00
		87/30
		87/46
		87/68
		91/26
		91/38
		91/50
		93/00
		95/00
		97/00
568	C 07 c	87/28
		87/48
		91/16
		91/28
		91/40
		91/42
		93/06
		93/08
		93/14
		95/08
		97/00
569	C 07 c	109/04
570	C 07 c	87/28
		87/48
		91/16
		91/28
		91/40
		91/42
		93/08
		93/14
		95/00
		97/00
		97/06
	C 09 b	11/02
570.5	C 07 c	91/16
		91/28
		93/06
		93/08
		95/00
		97/00
570.6	C 07 c	91/16
		91/22
		91/34
		93/02
570.7	C 07 c	93/06
570.8, 570.9	C 07 c	87/28
571	C 07 c	91/16
		91/28
		91/40
		91/42
		93/06
		93/08
		93/14
		97/14
573	C 07 c	91/06
		91/40
		93/14
574	C 07 c	91/16
		91/28
		91/40
		91/42
		93/06
		93/08
		93/14
575	C 07 c	91/40
		91/42
		93/14
576 – 579	C 07 c	87/28
		87/50
		87/64
		95/08
		97/10
580	C 07 c	85/10
581	C 07 c	85/02
582	C 07 c	85/16
583	C 07 c	83/00
		87/02
		87/24
		91/02
		93/02
		93/10
		95/02
		97/02
584	C 07 c	91/02
		93/02
		93/10
		95/02
		97/02
585	C 07 c	85/02
585.5	C 07 c	49/22
		49/27
586	C 07 c	45/00
		49/00
587, 588	C 07 c	49/26
		49/44
589	C 07 c	45/24
		49/26
		49/44
590 – 592	C 07 c	49/44
		49/76
593	C 07 c	49/04
		49/20
594	C 07 c	49/04
		49/18
		49/20
		49/24
595	C 07 c	45/18
		49/02
596	C 07 c	45/16
597	C 07 c	45/02
598	C 07 c	45/00
		47/00
599	C 07 c	47/48
		47/52
600	C 07 c	47/56
601	C 07 c	47/02
		47/20
602	C 07 c	47/02
		47/18
		47/20
		47/26
603	C 07 c	45/16
604	C 07 c	45/02
605	C 07 c	45/06
606	C 07 c	47/04
606.5	C 07 d	105/02
		107/02
	C 07 f	5/02
		9/02
607	C 07 c	147/00
		149/00
		151/00
		161/00
		163/00
		165/00
608	C 07 c	149/00
		149/12
609	C 07 c	149/00
610	C 07 c	43/00
		73/00
611	C 07 c	41/00
		43/00
611.5	C 07 c	41/12
		43/00
612, 613	C 07 c	43/20
614, 615	C 07 c	43/00
		43/04
		43/14
615.5	C 07 c	47/10
616	C 07 c	41/12
617	C 07 c	27/00
		29/00
		31/00
		33/00
		35/00
		37/00
		39/00
		79/16
617.5	C 07 c	35/00
		35/42
		35/44
618	C 07 c	29/00
		31/00
		31/14
		33/06
		33/10
		35/22
		37/00
		39/00
619	C 07 c	37/00
		39/00
620	C 07 c	39/12
621	C 07 c	39/02
		39/12
622	C 07 c	79/22
		79/24
623	C 07 c	39/24
624 – 626	C 07 c	39/02
		39/18
627	C 07 c	37/22
628	C 07 c	37/04
629	C 07 c	37/02
631	C 07 c	35/08
		35/22
631.5	C 07 c	35/00
632	C 07 c	29/00
		31/00
		33/00
632.5	C 07 c	29/24
633	C 07 c	31/34
		33/10
634	C 07 c	29/00
		31/34
		33/10
635	C 07 c	29/02
		31/18
		33/00
636	C 07 c	29/00
		29/12
637	C 07 c	29/24
638	C 07 c	29/00
		29/14
639	C 07 c	29/12
640	C 07 c	29/00
641	C 07 c	29/04
642	C 07 c	29/00
		31/00
		33/00
643	C 07 c	29/24
644	C 07 c	79/02
645	C 07 c	79/10
646	C 07 c	79/12
647	C 07 c	81/00
648	C 07 c	17/00
		19/00
		21/00
		23/00
		25/00
649	C 07 c	25/00
650	C 07 c	25/00
651	C 07 c	25/00
		25/14
652	C 07 c	19/00

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		21/00
652.5	C 07 c	17/40
653	C 07 c	19/08
		21/18
		21/20
		21/22
653.1	C 07 c	19/00
	C 08 f	3/20
653.3	C 07 c	21/18
		21/20
		21/22
653.4	C 07 c	17/02
		17/04
		17/08
		21/18
		21/20
		21/22
653.5	C 07 c	17/00
		17/34
		21/18
		21/20
		21/22
653.6	C 07 c	17/00
		17/08
		19/08
653.7	C 07 c	17/00
		19/08
653.8	C 07 c	17/10
		17/16
		17/18
		17/22
		19/08
653.9	C 07 c	17/04
		17/10
		17/16
		17/18
		17/20
		17/22
		19/08
654	C 07 c	21/00
655	C 07 c	21/20
656	C 07 c	21/02
657	C 07 c	17/00
		17/16
		17/22
658	C 07 c	17/00
		17/04
		17/20
659	C 07 c	17/00
		17/02
		17/08
		17/10
660, 662	C 07 c	17/02
		17/10
663	C 07 c	17/08
664	C 07 c	17/00
		19/00
		19/04
		19/06
665	C 07 c	11/26
	C 07 f	1/02
		1/04
		1/06
		3/02
		3/04
666	C 07 c	1/00
		3/00
		5/00
		7/00
		9/00
		11/00
		13/00
		15/00
666.5	C 07 c	7/18
667	C 07 c	5/10
668	C 07 c	15/00
669	C 07 c	15/00
		15/10
670	C 07 c	3/00
		15/00
671	C 07 c	3/00
		3/50
672	C 07 c	3/00
		3/58
673	C 07 c	3/02
		3/09
		3/44
		5/22
673.5	C 07 c	5/22
674	C 07 c	7/00
675	C 07 c	15/28
		15/30
675.5	C 07 c	13/00
	C 09 f	3/00
676	C 07 c	9/00
		11/00
677	C 07 c	11/00
678	C 07 c	11/22
		11/28
679	C 07 c	11/24
680	C 07 c	11/12
681	C 07 c	1/00
		1/20
681.5	C 07 c	7/00
682	C 07 c	1/00
		1/24
683	C 07 c	3/00
		5/00
		11/02
683.1	C 07 c	3/02
683.15	C 07 c	3/10
683.2	C 07 c	5/22
683.3	C 07 c	3/28
		5/18
683.4	C 07 c	3/00
		3/50
683.41, 683.42	C 07 c	3/00
		3/50
		7/00
683.43 – 683.45	C 07 c	3/10
		3/52
683.46	C 07 c	3/14
		3/54
683.47	C 07 c	3/10
		3/52
683.48 – 683.52	C 07 c	3/12
		3/54
683.53, 683.57	C 07 c	3/18
		3/56
683.58	C 07 c	3/12
		3/54
683.59 – 683.63	C 07 c	3/14
		3/54
683.64	C 07 c	3/10
		3/20
		3/52
683.65	C 07 c	5/22
683.66	C 07 c	5/24
683.67	C 07 c	5/22
683.68 – 683.78	C 07 c	5/24
		5/28
683.9	C 07 c	5/02
684	C 07 b	
685	C 07 b	29/00
686	C 07 b	13/00
		29/00
687	C 07 b	3/00
688	C 07 b	11/00
689	C 07 b	29/00
690	C 07 b	1/00
691 – 693	C 07 b	29/00
694	C 07 b	9/00
695	C 08 f	1/00
	C 08 g	35/00
696	C 07 b	3/00
		5/00
698 – 700	C 07 b	29/00
701	C 07 b	21/00
		29/00
702, 703	C 07 b	29/00
704	B 01 d	
	C 07 b	29/00
705	B 01 d	11/00
706	B 01 d	7/00
707	B 08 d	9/00
708	B 01 d	53/14
709	C 08 c	
710	B 29 h	19/00
	C 08 c	15/00
		17/38
711 – 713	C 08 c	17/38
714	C 08 c	11/00
		17/22
		17/38
715	C 08 c	17/88
716	C 03 c	11/72
		17/38
717	C 08 c	9/18
		17/38
718	C 08 c	11/68
		11/70
		17/38
719	C 08 c	11/22
		17/38
720, 721	C 08 c	17/38
722	C 08 c	17/08
723	C 08 c	17/06
		17/08
724	C 08 c	17/10
725	C 08 c	17/08
726	C 08 c	9/00
		11/00
		15/00
727	C 08 c	9/00
728	C 08 c	7/00
729, 730	C 08 c	15/00
731	C 08 c	11/72
		15/00
732	C 08 c	9/18
		15/00
733	C 08 c	11/68
		11/70
		15/00
734, 735	C 08 c	13/00
736	C 08 c	11/72
		13/00
737	C 08 c	13/00
738	C 08 c	11/00
		11/76
		13/00
739	C 08 c	9/00
740	C 08 c	7/00
		9/06
741	C 08 c	7/02
		9/18
		11/00
		11/04
		11/76
742	C 08 c	7/02
		9/12
743	C 08 c	7/02
		11/72
744	C 08 c	7/02
		9/18
745	C 08 c	7/02
		11/68
		11/70
746	C 08 c	7/02
		7/08
		11/00
		11/04
		11/76
747	C 08 c	9/06
748	C 08 c	9/06
		11/74
749	C 08 c	9/12
750, 751	C 08 c	7/08
		9/12
		11/74
752	C 08 c	9/18
		11/34
		11/72
753	C 08 c	9/00
		11/34
		11/72
754	C 08 c	7/08
		11/00
755	C 08 c	9/18
756	C 08 c	7/08
		9/18
		11/00
		11/76
757	C 08 c	11/70
758	C 08 c	11/68
759	C 08 c	11/12
760	C 08 c	7/00

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U.S. Subclass	IPC Subclass	IPC Notation
		9/00
		11/00
761	C 08 c	11/00
		13/02
		17/22
762	C 08 c	7/02
		11/00
763	C 08 c	11/18
764	C 08 c	11/76
765	C 08 c	11/00
766	C 08 c	11/04
767	C 08 c	17/00
768	C 08 c	5/00
		13/00
769	C 08 c	5/00
770	C 08 c	5/00
771	C 08 c	5/02
		5/04
772	C 08 c	5/02
773, 774	C 08 c	5/00
775	C 08 c	11/54
		17/28
776	C 08 c	1/02
777, 778	C 08 c	11/00
		17/28
779	C 03 c	17/28
		17/30
	C 08 c	1/00
780 – 752	C 08 c	1/00
		5/00
		17/28
		17/30
783	C 08 c	11/00
784	C 08 c	11/20
		11/52
		11/60
785 – 790	C 08 c	11/62
791, 792	C 08 c	11/40
		11/52
		11/60
793	C 08 c	11/54
794	C 08 c	11/48
795, 796	C 08 c	11/44
797	C 08 c	11/50
798	C 08 c	11/44
799	C 08 c	7/10
		11/00
		13/08
800	C 08 c	7/10
		11/52
		11/60
		11/62
801	C 08 c	7/10
		11/44
802, 803	C 08 c	7/10
		11/44
804	C 08 c	7/10
		11/44
805	C 08 c	7/10
		11/46
806	C 08 c	7/10
		11/44
807	C 08 c	7/10
		11/44
808, 809	C 08 c	7/10
		11/44
810	C 08 c	7/10
		11/28
		11/32
		11/34
		11/36
811 – 813	C 08 c	3/00
		7/00
		9/00
		11/00
		17/00
814	C 08 c	3/00
		9/00
		11/00
815	C 08 c	1/00
816	C 08 c	3/00
		17/00
817	C 08 c	1/04
		3/00
818	C 08 c	1/04
		3/00
819	C 08 c	1/00
820	C 08 c	1/00
		1/06
		7/10
821	C 08 c	1/14
		1/16
822	C 08 c	1/08
		1/10
		1/12
823	C 08 d	9/02
824	C 08 g	47/00
825	C 08 g	47/00
826	C 08 g	47/10
827	C 08 f	21/00
		35/02
	C 08 g	47/10
828	C 08 g	37/38
829	C 08 f	31/04
		39/00
830	C 08 g	43/02
		45/06
831 – 833	C 08 g	37/16
		45/06
834	C 08 g	45/08
835	C 08 g	39/10
		45/14
837	C 08 f	33/08
	C 08 g	45/04
838	C 08 g	37/06
839	C 08 g	37/16
		37/32
840	C 08 g	37/16
		37/32
841	C 08 g	37/16
		41/04
842, 843	C 08 g	37/16
842, 842	C 08 g	39/10
844	C 08 g	37/16
845	C 08 d	9/10
	C 08 g	29/10
		37/16
846	C 08 d	9/10
	C 08 f	41/10
	C 08 g	37/16
847	C 08 f	29/20
		37/16
	C 08 g	37/16
848	C 08 f	29/10
		33/08
		41/10
849	C 08 g	37/32
850	C 08 g	39/10
851	C 08 g	37/32
852	C 08 d	9/10
	C 08 g	37/32
853 – 856	C 08 f	
	C 08 g	37/32
857, 858	C 08 g	41/04
859	C 08 d	9/10
	C 08 f	29/20
	C 08 g	41/04
860	C 08 g	39/10
		49/04
861	C 08 f	21/00
		43/06
862	C 08 f	21/00
		43/08
863 – 872	C 08 f	1/00
		21/00
873	C 08 d	9/10
	C 08 f	
	C 08 g	39/10
874	C 08 f	29/12
		29/30
		29/50
		33/08
		35/06
		39/00
875	C 08 f	15/00
876 – 886	C 08 f	15/00
		19/00
887 – 892	C 08 d	9/08
	C 08 f	29/12
		41/12
893	C 08 d	9/08
	C 08 f	29/56
		41/12
894	C 08 d	9/02
		9/08
	C 08 f	29/12
		41/12
895	C 08 f	33/08
		41/12
896, 897	C 08 f	29/12
		37/18
		41/12
898	C 08 f	29/56
		37/18
		41/12
899	C 08 f	29/22
		37/18
900	C 08 f	29/22
		37/18
901	C 08 f	29/50
		37/18
		41/12
906.7	C 07 d	91/14
		91/22
920	C 07 d	105/02
	C 07 f	9/02
921	C 07 f	9/02
	C 07 g	
922 – 924	C 07 f	9/02
925	C 07 f	9/08
		9/16
926	C 07 f	9/02
927	C 07 d	105/02
928, 929	C 07 f	9/02
930	C 07 f	9/02
		9/12
		9/18
931, 932	C 07 f	9/28
933 – 935	C 07 f	9/02
936	C 07 d	105/02
937	C 07 d	105/04
938 – 958	C 07 f	9/02
959	C 07 f	9/24
		9/44
960	C 07 f	9/14
		9/20
		9/26
		9/42
961	C 07 f	9/32
		9/40
962	C 07 f	9/46
		9/48
963	C 07 f	9/08
		9/16
964 – 966	C 07 f	9/12
		9/18
967	C 07 f	9/08
		9/16
968 – 990	C 07 f	9/02
999	A 01 n	
	A 61 k	
	C 07	
	C 08	
6570	C 07 c	93/14
		95/08
		97/06

U.S. Class 261

Gas and liquid contact apparatus

(IPC F 02 m)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 01 d	47/00
	B 01 f	3/04
	B 05 b	7/00
	C 02 d	1/00
	C 10 k	1/08
	F 02 b	
	F 02 m	
	F 22 g	
	F 24 f	
	F 28 b	3/00
2 – 8	B 01 d	47/00
	C 10 k	1/08
	F 22 d	1/28
16	F 02 m	25/10
17	C 10 k	
18	F 02 m	25/00

U.S. Class 261—Con.

U.S. Subclass	IPC Subclass	Notation
		43/00
19–23	B 01 d	47/00
	B 01 f	3/04
	C 02 d	1/00
	C 10 k	1/08
	F 02 m	
	F 22 d	
	F 24 f	
24–37	B 01 d	47/00
	F 02 m	37/00
		69/02
38	F 02 m	
39	F 02 m	1/10
40–41	F 02 m	11/00
42–72	B 01 d	47/00
	C 02 d	1/00
	C 10 j	1/00
	C 10 k	1/08
	F 02 m	
	F 24 f	3/14
73	B 05 b	7/24
	C 02 d	1/00
	C 10 j	1/00
	F 02 m	
	F 24 f	3/14
74	B 01 d	47/02
	C 02 d	1/00
	C 10 j	1/00
	F 02 m	
75	B 01 d	47/00
	B 01 f	3/04
	C 02 d	1/00
	C 10 j	1/00
	C 10 k	1/00
	F 02 m	
	F 22 d	
	F 28 c	1/00
76	B 01 d	47/02
	B 01 f	3/04
	B 05 b	7/02
	F 02 m	
77	B 01 d	47/02
	B 05 b	7/02
	F 02 m	17/20
78	B 01 d	47/06
	B 05 b	7/02
	C 10 j	1/12
	C 10 k	1/06
	F 02 m	
79	B 05 b	7/10
80	B 01 f	3/04
81–82	F 02 m	
83	B 01 d	47/16
	B 04 b	5/00
	C 10 j	1/18
	F 02 m	
84–93	B 01 d	47/16
	C 10 j	1/18
	F 02 m	
	F 24 f	3/14
94–99	B 01 d	47/16
	F 02 m	17/28
		29/04
100–107	B 01 d	47/00
	C 10 j	1/10
	F 02 m	17/28
	F 24 f	3/14
108–114	B 01 d	47/00
	C 10 j	1/08
	F 02 m	29/04
115–118	B 01 d	47/06
	C 10 j	1/12
	F 02 m	
119–126	B 01 d	47/02
	C 02 d	1/00
	C 10 j	1/08
	F 02 m	
127–128	C 10 k	
	F 02 m	15/00
		31/00
	F 24 f	3/12
	F 28	
129–131	C 10 k	
	F 02 m	15/00
		17/28
	F 24 f	11/00
	F 28 c	
133	C 10 k	
	F 02 m	23/00
134	C 10 k	
	F 02 m	23/08
135–136	C 10 k	
	F 02 m	
137–138	C 10 k	
137	F 02 m	15/00
142	F 02 m	15/04
		31/12
143–145	F 02 m	31/04
146–148	F 02 m	11/00
149–150	F 02 m	15/00
151	C 10 k	1/08
	F 22 d	
	F 28 b	3/00
152–156	F 02 m	23/14
		31/00
157	F 02 m	31/00
158–161	F 02 m	
	F 28 c	3/06

U.S. Class 263

Heating

(IPC F 27 b)

U.S. Subclass	IPC Subclass	Notation
1, 2	F 24 j	
	F 27 b	
3	F 27 b	9/28
4	F 27 d	3/00
5	F 23 d	13/26
6	F 27 b	9/14
	F 27 d	3/00
7	F 27 b	9/16
	F 27 d	3/12
8	F 27 b	9/24
	F 27 d	3/12
9	F 23 d	13/26
10	F 23 m	
	F 27 b	
	F 27 d	
11	F 27 c	13/00
12, 14	F 27 b	14/00
		17/00
15	F 23 l	15/00
	F 27 d	17/00
16	F 27 b	14/00
17	F 27 b	9/02
		13/02
		17/00
18	F 27 b	5/00
19	F 23 l	9/04
20	F 23 l	15/04
21	F 27 b	3/00
22	F 23 m	1/04
	F 27 b	7/00
23	F 27 b	9/22
	F 27 d	3/04
24	F 27 b	9/24
	F 27 d	3/12
25	F 27 b	9/16
	F 27 d	3/08
26	F 27 b	1/10
		9/16
27	F 27 b	19/00
28	F 27 b	9/00
	F 27 d	3/12
29	F 27 b	1/00
30, 31	F 27 b	1/10
32, 33	F 27 b	7/00
34	F 27 b	7/08
35	F 27 b	1/10
36	F 27 b	1/02
		9/02
		13/02
		19/00
37, 38	F 27 b	5/02
39	F 23 c	9/02
40	F 23 m	
	F 27 b	
41	F 27 b	5/00
42	F 27 b	5/16
43	F 27 b	1/08
	F 27 d	7/02
44	F 23 m	5/08
	F 27 b	1/24
	F 27 d	9/00
45	F 23 j	1/00
	F 23 m	1/10
46	F 23 m	5/00
	F 27 d	1/00
47	F 27 b	21/04
	F 27 d	5/00
48	F 27 b	14/10
	F 27 d	5/00
49	F 27 d	5/00
		15/00
50	F 23 m	9/00
	F 27 d	21/00
51	F 23 l	15/02
52	B 01 c	
	F 27 b	
53	C 04 b	1/00
		7/44

U.S. Class 264

Plastic and non – metallic article shaping or treating0 processes

(IPC B 29 c)

U.S. Subclass	IPC Subclass	Notation
.5	G 21 c	21/00
1–2	B 29 d	11/00
3	C 06 b	21/02
	D 01 d	
	Q 01 f	
4	A 61 j	5/04
	B 29 c	13/00
5–14	B 22 d	23/08
	B 29 c	6/00
		23/00
15	B 29 c	23/00
16	A 61 c	13/00
17	A 61 c	13/22
18	A 61 c	13/10
19	A 61 c	13/08
20	A 61 c	31/00
		31/07
21	C 09 k	1/00
22	B 06 b	
	B 29	
	H 04 r	
	H 05 b	1/00
		2/00
		3/00
		4/00
		5/00
		6/00
		7/00
		8/00
		9/00
		10/00
		11/00
23	B 06 b	3/00
24	B 06 b	1/02
	B 29 c	9/00
		21/00
	B 29 d	3/00
	B 29 f	5/00
25	B 29	
	H 05 b	1/00
		2/00
		3/00
		4/00
		5/00
		6/00
		7/00
		8/00
		9/00
		10/00
		11/00
26	B 29 h	5/26
27	B 29	/00
	H 05 b	1/00
		11/00
28	B 05 b	3/00
29	B 29 c	25/00
	C 01 b	31/00

U.S. Class 264—Con.

U.S. Subclass	IPC Subclass	IPC Notation
	G 01 c	5/00
30	**F 27 d**	1/16
31–35	**E 04 b**	1/16
36	**B 29 h**	5/06
		5/16
	B 32 b	35/00
37	**B 29 h**	19/00
38	**D 01 f**	3/08
		3/42
39	**B 28 b**	7/04
	B 29	
40	**B 28**	
	B 29	
	G 01	
41	**B 29 d**	27/00
	B 29 h	7/20
42–44	**B 29 h**	7/20
45–55	**B 29 d**	
	B 29 h	7/20
56	**C 04 b**	33/32
		35/64
	F 27 b	
57–58	**F 27 b**	9/14
		21/00
59	**C 04 b**	33/32
60–62	**C 04 b**	33/34
		35/72
		37/00
		41/00
63	**C 04 b**	35/64
64–66	**F 27 b**	9/04
		9/10
	F 27 d	7/00
		19/00
		21/00
67	**B 28 b**	11/00
68	**B 29 c**	19/02
69–72	**B 28 b**	1/08
73, 74	**B 29**	
ci069/00		
75	**B 29 f**	3/12
76	**B 29 d**	7/14
		9/00
77	**B 29 c**	9/00
78	**D 01 f**	1/04
		1/06
		3/16
		3/17
		3/18
		3/19
		3/20
79	**C 04 b**	41/30
80	**B 29 f**	5/00
81	**B 29 c**	
82	**C 04 b**	15/14
83	**B 29 c**	
84, 85	**B 28**	
	B 29	
86, 87	**B 28 b**	1/26
88–92	**B 29 c**	17/04
		23/00
	B 29 d	23/03
	B 29 h	7/02
93–100	**B 29 c**	17/06
		17/07
		23/00
	B 29 h	7/02
101–102	**B 28**	
	B 29	
103	**G 02 g**	1/20
	G 03	
	G 04	
104–105	**C 04 b**	35/00
106–107	**B 29 d**	17/00
108	**B 29 d**	3/02
109	**B 29 j**	5/00
	G 04 h	
110	**B 28 d**	1/32
111	**B 22 f**	
112	**D 04 h**	1/20
113	**D 04 h**	1/16
114	**D 04 h**	
115–116	**G 04 h**	3/16
	D 21 b	1/04
117	**C 09 c**	1/56
118–122	**D 04 h**	
123	**B 29 g**	7/00
124	**B 27 j**	5/00
125	**B 29 f**	5/00
126	**B 27 j**	5/00
	G 04 h	1/54
127	**B 27 j**	5/00
128	**D 04 h**	1/64
129	**B 28**	
	B 29	
130	**B 29 h**	21/04
131	**B 28 b**	11/06
132	**C 04 b**	41/16
133	**C 04 b**	41/04
134, 135	**B 32 b**	3/26
		31/12
	C 04 b	41/20
136, 137	**B 29 g**	5/00
138	**B 28**	
139	**B 32 b**	31/00
	C 04 b	41/44
140–144	**B 02 c**	
145–146	**B 28 b**	11/16
147	**B 29 h**	7/18
148–151	**B 29 c**	17/00
		17/14
152	**B 29 h**	7/04
153	**B 29 c**	17/08
	B 29 h	3/06
154–156	**B 28 b**	1/48
	B 29 c	17/08
	B 29 d	19/08
	B 29 h	3/06
157	**B 28 b**	11/12
158	**B 29 d**	7/18
159	**B 29 d**	7/16
160	**B 29 c**	17/14
161	**B 29 c**	17/12
162	**B 28 b**	11/18
		17/10
	B 29 h	21/08
163	**B 28 b**	7/14
164	**B 29 c**	17/02
165, 166	**B 28 b**	11/18
	B 29 d	7/00
167	**G 01 d**	5/20
168	**G 01 d**	5/22
169–170	**G 01 d**	1/10
171–173	**B 29 f**	3/10
	B 32 b	31/30
174	**B 29 f**	3/10
	G 01 d	13/06
175	**B 29 d**	7/14
176	**B 28 b**	3/20
177	**B 28 b**	21/54
	B 29 f	3/00
178	**D 01 d**	5/08
179	**D 01 f**	
180	**D 01 d**	
181	**D 01 d**	5/14
182	**D 01 f**	7/00
183	**D 01 f**	
184–185	**D 01 f**	7/00
186	**G 01 f**	9/00
187	**G 01 f**	3/00
188	**D 01 f**	3/10
189–194	**D 01 f**	3/12
195	**G 01 f**	3/28
196	**D 01 f**	3/12
197	**G 01 f**	3/28
198	**G 01 f**	3/06
		5/00
199	**G 01 f**	3/04
200	**D 01 f**	3/36
201	**G 01 f**	9/02
202	**D 01 f**	9/04
203–204	**D 01 f**	
203	**D 06 m**	/00
205, 206	**G 01 f**	7/00
207	**G 01 f**	3/26
		3/38
208	**D 01 f**	3/40
209	**B 29 d**	23/04
	G 01 d	5/24
210	**D 01 d**	5/12
	D 01 f	3/10
		7/06
211	**D 01 f**	1/02
212–218	**B 29 d**	7/02
219	**B 29 c**	1/02
220	**B 29 c**	1/02
		1/08
221–227	**B 29 c**	1/02
228	**B 28 b**	9/04
229	**B 29 d**	3/00
230	**B 29 c**	13/00
231	**B 29 h**	
232	**B 28 b**	11/00
	B 29 c	25/00
	B 29 d	7/20
233	**B 29 b**	11/22
234–237	**B 29 c**	25/00
238	**B 28**	
	B 29	
239	**B 28 b**	19/00
240	**B 29**	
241	**B 28 b**	9/00
	B 29 d	3/00
	B 29 h	9/00
242	**B 32 b**	
243	**B 29 d**	31/00
244	**A 43 d**	65/00
	B 29 h	7/08
245–247	**B 29 c**	9/00
248, 249	**B 29 c**	19/00
250, 251	**B 28 b**	9/00
	B 29 d	3/00
	B 29 h	9/00
252	**B 29 d**	5/00
253	**E 04 c**	
254, 255	**B 28 b**	7/22
	B 29 d	3/00
	B 29 h	9/00
256	**B 28 b**	1/16
257	**B 29 h**	9/02
258	**B 29 h**	9/02
	B 32 b	31/04
259, 260	**B 29 b**	3/00
	B 29 h	9/00
261	**B 32 b**	31/06
262	**B 29 h**	9/12
	B 32 b	31/06
263–267	**B 29 d**	3/00
	B 29 h	9/00
268, 269	**B 29 c**	13/02
	B 29 d	3/00
	B 29 h	9/00
270	**B 29 d**	3/00
	B 29 h	9/00
271	**B 29 d**	3/00
	B 29 f	1/10
	B 29 h	9/00
272–279	**B 29 b**	3/00
	B 29 f	1/10
	B 29 h	9/00
280	**B 29 c**	17/00
281	**B 29 c**	17/02
282	**B 31 f**	1/12
283	**B 31 f**	1/14
284	**B 29 c**	17/00
285	**B 29 c**	17/02
286, 287	**B 29 c**	17/02
	B 31 f	1/20
288, 289	**B 29 d**	7/24
288–289	**B 29 g**	7/00
290	**B 29 c**	17/02
291, 292	**B 28 b**	11/08
	B 29 c	17/02
	B 29 d	7/24
293	**B 28 b**	11/08
294–296	**B 29**	
297	**B 28 b**	3/06
		5/00
298	**B 29 c**	5/00
299	**B 28 b**	1/14
	B 29 c	3/00
		11/00
300	**B 29**	
301	**B 28 b**	1/38
	B 29 c	13/00
	B 29 h	3/04
302	**B 29**	
	B 29 c	13/00
	B 29 h	3/04
303	**B 28 b**	1/38

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 264—Con.		
	B 29 c	13/00
	B 29 h	3/04
304	B 28 b	1/38
	B 29 c	13/04
305–307	B 28 b	1/38
	B 29 c	13/00
	B 29 h	3/04
308	B 28 b	1/14
		3/10
309	B 28 b	1/32
	B 29 c	5/02
310	B 28 b	1/02
	B 29 c	5/04
311	B 28 b	1/20
	B 29 c	5/04
312	B 28 b	1/46
313	B 28 b	7/30
	B 29 c	1/12
314	B 28 b	7/32
	B 29 c	17/06
315	B 29 h	5/18
316	B 29 c	1/04
317	B 29 c	1/08
318	B 28 b	7/20
	B 29 d	1/00
319	B 28 b	3/00
	B 29 d	
320	B 29	
321	B 29 d	27/00
322, 323	B 29	
324	B 29 g	5/00
	G 21 j	3/00
325	B 29 c	3/00
326	B 29 h	5/00
327	B 29	
328	B 28 b	1/24
	B 29 f	1/00
329	B 29 f	1/08
330–331	B 29	
332	C 04 b	35/60
333	B 28 b	3/00
334	B 28 b	7/10
		13/06
	B 29 c	7/00
335	B 28 b	7/12
	B 29 c	7/00
336	B 28 b	7/10
	B 29 c	7/00
337	B 29 c	1/02
338	B 28 b	7/36
	B 29 c	1/04
339	B 29 c	17/02
340	B 29 c	25/00
	B 29 d	7/20
341	B 29 c	25/00
342–348	B 29 c	25/00
349	B 29 b	1/04

U.S. Class 266

Metallurgical apparatus

(IPC C 21)

1	C 21 b	
	C 21 c	
	C 22 b	
	F 27 b	
2	C 21 d	1/00
	C 23 c	9/00
2.5	C 21 d	7/00
3	C 21 d	9/56
4	C 21 d	1/66
5	C 21 d	1/06
6	C 21 d	1/62
8	C 21 b	
	C 21 c	
	C 22 b	
9	C 21 b	
	C 21 c	
	C 22 b	
	F 27 c	
10	F 27 b	
11	C 21 b	
12	C 22 b	
13	C 21 b	
	C 21 c	
	C 22 b	
14	C 21 b	9/00
15–19	C 21 c	5/38
	F 27 d	17/00
20	F 27 b	21/00
21	F 27 b	21/02
22	C 22 b	3/02
23	B 23 k	5/00
		7/00
24	C 21 b	7/00
		11/00
	F 27 b	
25, 26	C 21 b	7/00
27, 28	F 27 b	5/00
		7/00
29	F 27 d	
30	F 27 d	7/00
31	C 21 b	7/08
32	C 21 b	7/10
	F 27 b	1/24
33	C 21 b	11/00
34	C 21 c	7/00
35	C 21 c	5/42
36	C 21 c	5/50
	F 27 b	7/00
37	C 21 b	
	C 21 c	
38	C 21 b	7/14
	F 27 d	3/00
39, 40	C 21 b	
41	C 21 b	7/16
	C 21 c	5/48
42	C 21 b	7/12
43	C 21 b	7/06
		9/06
	C 21 c	5/44
	F 27 d	1/00

U.S. Class 267

Spring devices

(IPC F 16 f)

1	F 16 f	
1.5	F 16 f	1/34
		9/36
2	B 60 g	
	B 61 f	5/04
	F 16 f	
3, 4	B 61 f	5/04
	F 16 f	1/04
5	B 62 b	9/18
6, 7	B 60 g	
8–10	B 60 g	13/00
		15/00
	F 16 f	9/00
		11/00
11–14	B 60 g	21/00
15	B 60 g	11/00
16–18	B 60 g	11/36
19	B 60 g	11/02
20	B 60 g	11/14
21	B 60 g	11/22
22	B 60 g	11/32
23–32	B 60 g	11/34
33	B 60 g	11/52
34	B 60 g	11/56
35	B 60 g	11/62
36–56	B 60 g	11/02
	F 16 f	1/18
57–59	B 60 g	11/18
	F 16 f	1/14
60–62	B 60 g	11/14
	F 16 f	1/04
63	B 60 g	11/22
	F 16 f	1/36
64, 65	B 60 g	11/26
	F 16 f	3/00
		5/00
		13/00
66–68	B 60 g	1/00
		13/00
		25/00
69–74	F 16 f	1/00
		9/00
75	F 16 f	13/00
		15/02
80	F 16 f	3/00
		5/00
		9/36
81–84	F 16 f	3/10
		5/00
		13/00
85–89	F 16 f	3/00
90	F 16 f	3/00
		15/00
91–101	F 16 f	3/04
102–112	F 16 f	3/00

U.S. Class 269

Work holders

(IPC B 25 b)

1, 2	B 25 b	3/00
3–7	B 25 b	1/00
8	B 25 b	11/00
9–11	B 23 q	3/00
	B 25 b	1/00
12	B 23 q	5/00
13–20	B 23 q	3/00
	B 25 b	1/00
21	B 25 b	11/00
22–35	B 23 q	3/08
36	B 25 b	5/14
37–45	B 25 b	1/20
46–48	B 23 q	1/00
48.1	B 23 q	3/14
49–54	B 23 q	1/00
55–57	B 23 q	1/04
		1/06
		1/08
		1/10
58–64	B 23 q	3/18
65–70	B 23 q	1/04
71–73	B 23 q	1/04
	B 25 b	1/22
74–85	B 23 q	1/04
		1/12
	B 25 b	1/22
86–87.2	B 25 b	1/00
	B 43 l	5/00
87.3	B 25 b	1/00
88–90	B 25 b	1/00
	B 43 l	5/00
91–103	B 23 q	3/02
104–125	B 25 b	5/14
126–131	B 25 b	1/04
132	B 25 b	1/20
133–138	B 23 q	3/02
139–151	B 25 b	1/02
152–157	B 25 b	1/00
158, 159	B 25 b	1/16
160	B 25 b	1/00
161	B 25 b	1/04
162	B 25 b	1/08
163	B 25 b	1/00
164–215	B 25 b	1/02
		5/02
216–227	B 25 b	1/06
		1/16
228	B 25 b	1/14
		5/12
229–236	B 25 b	1/08
		5/08
237–239	B 25 b	1/04
		5/04
240–245	B 25 b	1/10
		5/10
246, 247	B 25 b	1/10
		5/00
		5/10
248–253	B 25 b	1/10
		5/00
		5/06
		5/10
254, 256	B 25 b	1/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 269—Con.		
257–286	B 25 b	1/24
		5/16
287–321	B 23 q	3/00
322–328	A 61 g	13/00

U.S. Class 270

Sheet material associating or folding

(IPC B 65 h)

1	B 41 f	13/54
4–9	B 41 f	13/58
10–16	B 41 f	13/64
17	B 41 f	13/68
18, 19	B 41 f	13/64
20, 21	B 41 f	13/56
22	B 41 f	3/20
30, 31	B 65 h	29/46
32	B 41 l	43/00
37	B 41 l	43/12
38	B 41 l	43/10
39	B 41 l	1/32
40	B 41 l	1/30
41	B 41 l	43/04
42	B 41 l	43/08
43	B 41 l	43/10
44	B 41 l	43/14
45, 46	B 42 c	1/00
47	B 42 c	1/04
48	B 42 c	1/10
49, 50	B 42 c	1/04
51	B 42 c	1/10
52	B 65 h	39/00
52.5	B 65 h	41/00
53	B 42 b	1/02
54	B 65 h	39/02
55	B 65 h	5/30
56	B 65 h	43/02
57	B 65 h	5/30
58	B 65 h	39/02
59	B 65 h	43/00
60	B 65 h	39/08
61	B 65 h	45/00
62	B 65 h	45/12
63–65	B 65 h	45/16
66	B 65 h	45/22
67	B 65 h	45/18
68	B 65 h	45/14
69	B 65 h	45/00
70–77	B 65 h	45/16
78	B 65 h	45/00
79	B 65 h	45/20
80	B 65 h	45/04
81	B 65 h	45/06
82	B 65 h	45/02
83–85	B 65 h	45/18
86–94	B 65 h	45/22

U.S. Class 271

Sheet feeding or delivering

(IPC B 65 h)

1, 2	B 65 h	5/00
3–7	B 65 h	5/22
8	B 65 h	7/00
9	B 65 h	3/44
		5/26
10	B 65 h	5/00
11–15	B 65 h	5/08
16, 17	B 65 h	3/42
18	B 65 h	3/00
		3/16
19–23	B 65 h	3/30
24, 25	B 65 h	7/18
26–31	B 65 h	3/08
32	B 65 h	1/06
33	B 65 h	3/20
34, 35	B 65 h	3/04
36	B 65 h	3/06
37	B 65 h	1/22
38	B 65 h	1/18
39	B 65 h	1/08
40	B 65 h	1/18
41	B 65 h	1/06
42, 43	B 65 h	3/24
44	B 65 h	1/06
45	B 65 h	5/02
46	B 65 h	5/24
		9/14
47	B 65 h	7/02
48–50	B 65 h	9/14
51	B 65 h	5/06
52	B 65 h	9/16
53	B 65 h	9/06
54	B 65 h	5/04
55	B 65 h	9/10
56	B 65 h	3/46
		7/02
57	B 65 h	7/00
58	B 65 h	9/00
59	B 65 h	7/10
		9/16
60	B 65 h	7/08
		9/06
61, 62	B 65 h	1/00
63	B 65 h	29/00
64	B 65 h	29/58
65, 66	B 65 h	29/66
67–70	B 65 h	29/68
71, 72	B 65 h	29/34
73	B 65 h	29/26
74	B 65 h	29/24
		29/32
75	B 65 h	29/16
76	B 65 h	29/12
77	B 65 h	29/14
78	B 65 h	29/18
79	B 65 h	29/28
80	B 65 h	29/20
81	B 65 h	29/22
82	B 65 h	29/06
83	B 65 h	29/38
84	B 65 h	29/46
85	B 65 h	29/10
86	B 65 h	31/00
87	B 65 h	31/04
		31/12
89	B 65 h	31/34

U.S. Class 272

Amusement and exercising devices

(IPC A 63 b)

1	A 63 g	31/00
2	A 63 g	31/00
	E 04 h	
3	A 63 j	3/00
4	A 63 k	1/00
		3/00
5	A 63 k	1/00
6	A 63 j	5/12
7	A 63 g	1/00
8	A 63 j	3/00
		5/00
14	A 63 j	5/04
15	A 63 j	5/02
16–18	A 63 g	31/16
	A 63 j	5/00
19	A 63 j	11/00
20	A 63 j	23/00
21	A 63 j	5/00
22, 23	A 63 j	1/02
24–26	A 63 j	5/00
27	A 63 j	23/00
28, 29	A 63 g	1/00
30	A 63 g	1/32
31	A 63 h	13/20
32	A 63 g	3/00
33	A 63 g	1/12
34	A 63 g	1/08
		1/10
35–43	A 63 g	1/00
44, 45	A 63 g	1/34
46	A 63 g	1/00
47	A 63 g	1/06
48–51	A 63 g	1/00
52–53.2	A 63 g	17/00
54–56	A 63 g	11/00
56.5	A 63 g	21/00
57	A 63 b	
58	A 63 b	21/00
		23/00
59	A 63 b	69/00
60	A 63 b	1/00
		5/00
		11/00
		13/00
		15/00
		17/00
		21/00
		23/00
61	A 63 b	7/02
62	A 63 b	1/00
63	A 63 b	3/00
64	A 63 b	5/12
65	A 63 b	5/00
66	A 63 b	5/08
		5/10
67	A 63 b	5/00
68	A 63 b	11/08
		21/14
		21/30
69	A 63 b	23/06
70	A 63 b	1/00
		3/00
		23/04
70.1, 70.2	A 63 b	25/00
70.3, 70.4	A 61 h	3/00
71	A 63 b	31/00
72	A 63 b	69/06
73	A 63 b	21/00
		23/04
		69/16
74	A 63 b	5/22
75	A 63 b	5/20
76	A 63 b	69/00
77, 78	A 63 b	69/00
79	A 63 b	21/00
80	A 63 b	21/12
81	A 63 b	21/06
82, 83	A 63 b	21/02
84	A 63 b	11/00
		15/00
85	A 63 g	9/00
86–92	A 63 g	9/16

U.S. Class 273

Amusement devices, games

(IPC A 63 b)

1	A 63 b	67/00
	A 63 f	9/00
1.5	A 63 b	63/00
		71/00
	A 63 c	19/00
2	A 63 d	13/00
		15/00
3	A 63 d	15/00
4	A 63 d	15/04
5	A 47 c	13/00
	A 63 d	15/04
6, 7	A 63 d	15/00
8, 9	A 63 d	15/06
10–13	A 63 d	15/00
14	A 63 d	13/00
		15/00
17–21	A 63 d	15/16
22	A 63 d	15/00
23, 24	A 63 d	15/10
25	A 63 b	71/00
	A 63 c	69/00
26	A 63 b	69/40
27	A 63 c	19/12
28	A 63 b	37/00
		47/00
		65/12
29	A 63 b	61/00
		69/38

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 273—Con.		
30	A 63 b	39/00
		59/04
		61/00
		67/04
31	A 63 c	19/06
		19/08
32	A 63 b	55/00
		57/00
		67/02
		71/00
33, 34	A 63 b	57/00
35	A 63 b	69/36
37	A 63 d	1/00
38, 39	A 63 d	5/00
40	A 63 d	7/00
41 – 45	A 63 d	5/00
46	A 63 d	5/08
47 – 49	A 63 d	5/02
50	A 63 b	71/06
	A 63 d	5/00
51	A 63 d	1/04
		1/08
52	A 63 d	5/06
53	A 63 d	1/00
54	A 63 d	5/00
55	A 63 b	67/00
56	A 63 b	59/10
		67/00
57	A 63 b	67/04
58	A 63 b	37/00
		39/00
		41/00
		43/00
59	A 63 b	37/00
60	A 63 b	37/06
		37/12
61	A 63 b	
	I 06	39/00
62	A 63 b	37/00
63, 64	A 63 b	37/00
65	A 63 b	41/00
67	A 63 b	59/00
68, 69	A 63 d	15/08
70, 71	A 63 d	15/12
72	A 63 b	59/06
73	A 63 b	49/00
74	A 63 b	49/16
		49/18
75	A 63 b	49/08
76	A 63 b	59/04
77	A 63 b	53/00
78	A 63 b	53/04
79	A 63 b	53/06
79.50	A 63 b	49/00
80	A 63 b	53/10
		53/12
80.2 – 80.8	A 63 b	53/02
80.9	A 63 b	53/10
		53/12
81	A 63 b	53/14
81.2 – 81.6	A 63 b	53/14
82	A 63 b	9/00
83	A 63 b	59/10
84	A 63 b	59/00
85	A 63 f	7/06
86	A 63 f	9/14
87	A 63 f	7/06
87.2, 87.4	A 63 f	7/06
88	A 63 f	7/06
89	A 63 f	7/10
90 – 94	A 63 f	7/06
95	A 63 b	65/00
		69/40
	A 63 f	9/02
96	A 63 b	65/12
97	A 63 b	65/00
98	A 63 b	69/40
99	A 63 b	67/06
100	A 63 b	65/10
		67/06
101	A 63 b	65/12
101.1, 101.2	A 63 f	9/02
102 – 105.6	A 63 b	63/00
		67/10
106	A 63 b	65/00
106.5	A 63 b	65/02
108 – 117	A 63 b	67/14
118	A 63 d	3/00
		13/00
	A 63 f	7/00
119 – 122	A 63 d	3/02
	A 63 f	7/10
123 – 125	A 63 f	7/00
126	A 63 f	3/00
127 – 129	A 63 b	71/00
130	A 63 f	3/00
131 – 134	A 63 f	3/02
135 – 137	A 63 f	3/00
138	A 63 b	71/00
	A 63 f	1/00
139 – 144	A 63 b	71/00
	A 63 f	1/18
145, 146	A 63 f	9/04
147	A 63 f	5/04
148	A 63 b	71/00
	A 63 f	9/00
149	A 63 f	1/12
		1/14
150, 151	A 63 f	1/10
152 – 152.3	A 63 f	1/02
152.31	A 63 f	1/00
152.4 – 152.7	A 63 f	1/04
		1/06
153, 154	A 63 f	9/06
155, 156	A 63 f	9/08
157	A 63 f	9/10
		9/12
158 – 160	A 63 f	9/08
161	A 63 f	1/00
		3/00
		9/00
		9/18
162 – 164	A 63 b	53/00
165, 166	A 63 b	53/14
167, 168	A 63 b	53/04
169 – 172	A 63 b	53/08
173 – 175	A 63 b	53/04
176	A 63 b	67/02
177 – 180	A 63 b	57/00
181 – 200	A 63 b	69/36
201 – 212	A 63 b	57/00
213	A 63 b	43/00
214	A 63 b	37/02
215	A 63 b	37/08
216 – 218	A 63 b	37/00
219	A 63 b	37/02
220 – 229	A 63 b	37/00
230	A 63 b	37/02
231	A 63 b	37/08
232	A 63 b	37/14
233 – 235	A 63 b	37/12

U.S. Class 274

Sound recording and reproducing

(IPC G 11 b)

U.S. Subclass	IPC Subclass	IPC Notation
1	G 11 b	
2	G 11 b	1/00
3	G 11 b	3/04
		5/86
		7/28
		27/08
4	G 11 b	5/00
5	G 11	
bi067/00		
6	G 11 b	9/00
7	G 11 b	3/00
8	G 11 b	3/04
9	G 11 b	3/00
		25/04
		25/06
10	G 11 b	15/00
		17/08
		17/22
11	G 11 b	3/00
		25/06
12	G 11 b	3/00
		25/04
		25/06
13 – 15	G 11 b	17/06
16	G 11 b	3/10
17	G 11 b	3/00
		25/02
18	G 11 b	19/00
		25/02
19 – 22	G 11 b	25/02
23	G 11 b	3/10
24 – 37	G 11 b	3/02
38	G 11 b	3/44
39	G 11 b	3/60
40	G 11 b	3/60
41	G 11 b	9/00
41.4	G 11 b	5/62
		5/74
41.6	G 11 b	7/24
42, 43	G 11 b	3/00
		3/68
44	G 11 b	25/02
45	G 11 b	3/02
46	G 11 b	
47	G 11 b	3/58

U.S. Class 276

Type setting

(IPC B 41 b)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 41 b	3/00
2 – 7	B 41 b	11/00
8	B 41 b	11/38
9 – 11	B 41 b	11/44
12 – 16	B 41 b	11/18
17	B 41 b	11/24
18, 19	B 41 b	11/18
20, 21	B 41 b	11/26
22 – 27	B 41 b	3/04
28 – 33	B 41 b	3/06
34	B 41 b	1/00
35	B 41 b	1/16
36, 37	B 41 b	1/06
38, 39	B 41 b	1/26
40	B 41 b	1/28
41 – 43	B 41 b	1/20
44, 45	B 41 b	1/22

U.S. Class 277

Joint packing

(IPC F 16 j)

U.S. Subclass	IPC Subclass	IPC Notation
1, 2	E 21 b	33/00
	F 16 j	9/00
		15/00
	F 16 k	41/00
3	E 21 b	33/00
	F 16 j	15/00
		15/40
	F 16 k	41/00
4	E 21 b	33/00
	F 16 j	15/00
	F 16 k	41/02
5	E 21 b	33/00
	F 16 j	15/00
	F 16 k	41/00
	F 16 l	21/02
6 – 8	E 21 b	33/00
	F 16 j	15/00
	F 16 k	41/00
	F 16 l	33/16
9	F 16 j	9/00
		15/00
	F 16 k	41/00
		43/00
9.5 – 11	F 16 j	9/00
		15/00
	F 16 k	41/00
0		
12	F 02 f	
	F 16 j	9/00
		15/00
13, 14	F 16 j	15/16
		15/42
		15/44

U.S. Class 277—Con.

U.S. Subclass	IPC Subclass	IPC Notation
15, 16	F 16 j	15/00
		15/16
		15/40
17–21	B 65 d	53/00
	F 16 j	15/00
		15/40
		15/44
22	F 02 f	11/00
	F 16 j	15/00
		15/40
		15/44
23	B 65 d	53/00
	F 16 j	15/00
		15/40
	F 16 l	17/00
24	E 21 b	33/08
	F 16 j	15/00
		15/16
	F 16 k	41/00
25	F 16 j	15/16
		15/42
		15/44
26	F 02 J	5/00
	F 16 j	9/00
		15/00
	F 16 k	41/00
27	F 16 j	15/16
		15/40
	F 16 l	17/00
28, 29	F 02 f	11/00
	F 16 j	9/00
		15/00
	F 16 k	41/00
30	E 21 b	33/00
	F 02 f	11/00
	F 16 j	15/16
31	E 21 b	33/00
	F 16 j	15/16
	F 16 k	41/00
32	F 02 f	5/00
		11/00
	F 16 j	15/00
	F 16 k	41/00
33	F 16 j	15/00
	F 16 k	41/00
		43/00
34–34.6	E 21 b	33/00
	F 16 j	15/46
	F 16 k	41/00
	F 16 l	33/16
35–37	B 65 d	53/00
	F 16 j	
	F 16 k	41/00
38–43	F 16 j	9/00
		15/40
	F 16 k	41/00
44–52	B 65 d	53/00
	F 16 j	
	F 16 k	41/00
53–57	F 02 f	11/00
	F 16 j	15/48
58	E 21 b	33/00
	F 16 j	9/00
		15/00
	F 16 k	41/00
59	B 65 d	53/00
	F 16 j	15/00
		15/40
		15/44
60	B 65 d	53/00
	F 16 j	15/16
	F 16 k	41/00
61–63	F 16 j	9/00
		15/00
	F 16 k	41/00
64	B 65 d	53/00
	F 16 j	15/16
	F 16 k	41/00
65	F 16 j	15/38
66	E 16 k	41/00
	E 21 b	33/00
	F 16 j	9/00
		15/00
67	B 61 J	15/22
	F 16 j	15/54
68–73	B 65 d	53/00
	F 16 j	15/40
		15/44
74–79	B 65 d	53/00
	F 16 j	15/16
		15/40
		15/44
80	E 21 b	33/00
	F 16 j	9/00
		15/00
	F 16 k	41/00
81–84	F 16 j	15/34
		15/54
85–87	F 16 j	15/34
		15/38
		15/54
88–90	F 16 j	15/36
		15/54
91	F 16 j	15/34
		15/54
92	F 16 j	15/38
		15/54
93–96	F 16 j	15/34
		15/54
97–100	E 21 b	33/00
	F 16 j	15/00
	F 16 k	41/00
101	B 65 d	53/00
	E 21 b	33/00
	F 16 j	15/00
102	B 65 d	53/00
	E 21 b	33/00
	F 16 j	15/00
	F 16 l	21/04
103	B 65 d	53/00
	E 21 b	33/00
	F 16 j	15/00
		15/40
104–124	B 65 d	53/00
	E 21 b	33/00
	F 16 j	15/00
	F 16 l	21/04
125	B 65 d	53/00
	E 21 b	33/00
	F 16 j	15/00
126	B 65 d	21/00
		53/00
	E 21 b	33/00
	F 16 j	15/00
127	B 65 d	53/00
	E 21 b	33/00
	F 16 j	15/46
128–129	B 65 d	53/00
	E 21 b	33/00
	F 16 j	15/00
130–132	B 65 d	53/00
	E 21 b	33/00
	F 16 j	15/00
133–134	B 61 f	15/22
	F 16 j	15/54
135	B 65 d	53/06
	F 16 j	15/14
		15/40
136, 137	B 65 d	53/00
	F 16 j	9/24
		15/00
	F 16 k	41/00
138–146	F 02 f	5/00
	F 16 j	9/06
		15/00
	F 16 k	41/00
147	F 02 f	5/00
	F 16 j	9/06
		9/10
		15/00
148–151	F 02 f	5/00
	F 16 j	9/06
		15/00
	F 16 k	41/00
152, 153	F 02 f	5/00
	F 16 j	9/06
		15/32
154	F 02 f	5/00
	F 16 j	9/06
		15/00
	F 16 k	41/00
155	F 02 J	5/00
	F 16 j	9/06
		9/18
		15/00
156	F 02 f	5/00
	F 16 j	9/06
		9/16
		15/00
157–165	F 02 f	5/00
	F 16 j	9/06
		15/00
	F 16 k	41/00
166	B 65 d	53/00
	F 16 j	9/06
		15/00
	F 16 k	41/00
167	B 65 d	53/00
	F 16 j	9/04
		15/00
	F 16 k	41/00
168–172	B 65 d	53/00
	F 16 j	9/00
		15/00
	F 16 k	41/00
173–177	B 16 f	15/22
	F 16 j	9/00
		15/00
	F 16 k	41/00
178	B 61 f	15/22
	F 16 j	9/04
		15/00
	F 16 k	41/00
179	B 65 d	53/00
	F 16 j	15/00
	F 16 l	19/02
		21/02
180	B 65 d	53/00
	E 21 b	
	F 16 j	15/00
	F 16 l	19/02
181–187	B 65 d	53/00
	E 21 b	33/00
	F 16 j	15/00
188	B 65 d	53/00
	E 21 b	33/00
	F 16 j	15/00
	F 16 l	21/02
189	B 65 d	53/00
	E 21 b	33/00
	F 16 j	15/00
	F 16 k	41/00
189.5	B 65 d	53/00
	E 21 b	33/00
	F 16 j	9/22
		15/00
190, 191	B 65 d	53/00
	E 21 b	33/00
	F 16 j	9/00
		15/00
192	F 16 j	9/00
		15/00
	F 16 k	41/00
193	F 16 j	9/16
		15/00
	F 16 k	41/00
194	F 16 j	9/02
		9/16
		15/00
	F 16 k	41/00
195–199	F 16 j	9/16
		15/00
	F 16 k	41/00
200	F 16 j	9/20
		15/00
201–202	F 16 j	9/00
		15/00
	F 16 k	41/00
203	F 16 j	9/04
		15/00
	F 16 k	41/00
204	F 16 j	15/00
	F 16 k	41/00
	F 16 l	19/02
205, 206	F 16 j	9/08
		15/32
		15/48
	F 16 k	41/00
207	F 16 j	9/00
		15/00

U.S. Class 277—Con.

U.S. Subclass	IPC Subclass	IPC Notation
	F 16 k	41/00
	F 16 l	19/00
208–210	F 16 j	9/00
		15/00
	F 16 k	41/00
211	B 65 d	53/00
	F 16 j	15/00
	F 16 k	41/00
	F 16 l	19/00
212	B 61 f	15/22
	F 16 j	9/08
		15/32
		15/48
213	B 65 d	53/00
	F 16 j	9/00
		15/00
	F 16 l	19/00
214, 215	B 65 d	53/00
	F 16 j	9/00
		15/00
	F 16 k	41/00
216, 217	F 02 f	5/00
	F 16 j	9/00
	F 16 k	15/00
		41/00
218, 219	F 02 f	5/00
	F 16 j	9/18
		15/00
	F 16 k	41/00
220–222	F 02 f	5/00
	F 16 j	9/14
		15/00
223, 224	F 02 f	5/00
	F 16 j	9/00
		15/00
	F 16 k	41/00
225, 226	B 65 d	53/00
	F 16 j	15/00
	F 16 k	41/00
	F 16 l	19/00
227	B 65 d	53/00
	F 02 f	11/00
	F 16 j	15/00
	F 16 k	41/00
228	B 65 d	53/00
	F 16 j	15/00
	F 16 k	41/00
229–237	B 65 d	53/00
	F 02 f	11/00
	F 16 j	15/00
	F 16 k	41/00

U.S. Class 278

Land vehicles animal draft appliances

(IPC B 62 c)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 62 c	
	B 68 b	
2	B 62 c	
2.1	B 62 c	1/02
3–20	B 62 c	5/00
21–32	B 62 c	11/00
	B 68 b	5/08
33–101	B 62 c	5/00
102–125	B 62 c	5/00
	B 68 b	3/00
		5/00
126–130	B 62 c	5/00
		11/00
	B 68 b	5/00
		7/00

U.S. Class 279

Chucks or sockets

(IPC B 23)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 23 b	5/22
		5/34
		31/00
	B 25 g	3/22
2	B 23 b	5/22
		5/34
		31/14
		31/40
3	B 23 b	5/22
		5/34
		31/30
4	B 23 b	5/22
		31/10
		31/30
5	B 23 b	5/22
		5/34
		31/36
	B 25 g	3/22
6	B 23 b	5/22
		5/34
		31/00
	B 25 g	3/22
7	B 23 b	31/00
	B 25 g	3/22
8–20	B 23 b	5/22
		5/34
		31/00
	B 25 g	3/22
22–65	B 23 b	5/22
		5/34
		31/12
	B 25 g	3/02
66–75	B 23 b	5/22
		5/34
		31/16
76–87	B 23 b	5/22
		5/34
		31/12
	B 25 g	3/02
89–95	B 23 b	5/22
		5/34
		31/10
	B 25 g	3/02
96	B 23 b	5/22
		5/34
		31/10
	B 25 g	3/22
97	B 23 b	5/22
		5/34
		31/10
	B 25 g	3/22
		3/26
99–101	B 23 b	5/22
		5/34
		31/10
	B 25 g	3/30
102, 103	B 23 b	5/22
		5/34
		31/10
	B 25 g	3/10
104	B 23 b	5/22
		5/34
		31/10
	B 25 g	3/14
105	B 23 b	5/22
		5/34
		31/10
	B 25 g	3/02
106–109	B 23 b	5/22
		5/34
		31/12
	B 25 g	3/22
110–123	B 23 b	5/22
		5/34
		31/16
	B 25 g	3/22

U.S. Class 280

Land vehicles

(IPC B 62 b)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 60 r	/00
1.1–1.22	A 63 f	19/00
	A 63 g	13/00
		15/00
		17/00
		19/00
	B 62 m	27/00
		29/00
28.5	B 62 d	57/00
29	B 60 g	
	B 60 r	
	B 62 b	
	B 62 d	
30–32	B 60 f	
	B 62 b	1/04
		3/02
		19/00
		25/00
1.5	B 62 d	51/04
2	B 60 s	11/00
	B 62 d	39/00
3	B 60 k	27/00
4	A 62 c	
	B 60 p	3/00
5	B 60 p	3/22
5.2–5.32	B 62 b	5/02
		9/02
6–6.11	B 60 s	9/00
	B 62 d	37/00
7	B 60 p	3/22
7.1–7.17	A 63 c	17/18
	B 62 k	13/00
8–11	B 62 b	13/18
		19/00
11.1	A 63 c	1/00
		3/00
		5/00
		7/00
		9/00
		11/00
		17/00
11.11	A 63 c	1/00
		5/08
		17/12
11.12	A 63 c	1/00
		3/00
		5/00
		7/00
		9/00
		11/00
11.13	A 63 c	5/00
		7/00
		9/00
		11/00
11.14	A 63 c	1/24
11.15	A 63 c	1/26
		1/28
11.16	A 63 c	1/22
11.17	A 63 c	1/00
11.18	A 63 c	1/30
11.19	A 63 c	17/00
11.2–11.21	A 63 c	17/14
		17/20
11.22	A 63 c	17/02
		17/04
11.23	A 63 c	17/04
11.24	A 63 c	17/08
11.25	A 63 c	17/04
11.26	A 63 c	1/22
		17/00
11.27	A 63 c	1/00
		17/00
11.28	A 63 c	1/24
		17/00
11.3	A 63 c	1/02
		1/04
		1/18
		1/20
		1/22
		9/00
11.31–11.34	A 63 c	1/04
		9/00
11.35	A 63 c	9/00
11.36	A 63 c	3/02
11.37	A 63 c	3/00
		11/00
11.38	A 63 c	3/12
11.39	A 63 c	1/04
12–28	B 62 b	9/04
		13/00
		15/00
		17/00
		19/00
	B 62 m	27/00
		29/00
28.5	B 62 d	57/00
29	B 60 g	
	B 60 r	
	B 62 b	
	B 62 d	
30–32	B 60 f	
	B 62 b	1/04
		3/02

U.S. Class 280—Con.

U.S. Subclass	IPC Subclass	IPC Notation
		7/12
32.5	A 01 d	67/04
		75/00
	B 62 m	1/00
32.6	B 25 h	5/00
	B 62 b	11/00
32.7	B 62 d	63/00
33.99	B 62 d	39/00
34–35	B 62 b	1/00
		3/02
		7/06
	B 62 d	21/14
		33/08
		61/12
	B 62 k	15/00
36–42	B 62 b	1/00
		7/06
		13/02
	B 62 d	21/14
		33/08
	B 62 k	15/00
43–43.24	B 62 d	21/14
		33/08
		61/12
46, 47	B 62 b	1/08
47.1	B 62 b	9/22
47.11	B 62 b	3/00
		7/04
47.12	B 62 b	1/08
47.13–47.33	B 62 b	1/00
		7/02
47.34–47.37	B 62 b	3/00
		11/00
47.38–47.41	B 62 b	7/00
		9/00
62	B 62 d	61/06
63–77	B 62 c	1/00
	B 62 d	61/00
78	B 62 d	61/00
79.1–79.3	B 62 b	1/00
		5/00
80	B 60 g	
80–149	B 60 p	
	B 62 d	
87.01–87.05	B 62 b	1/00
		5/00
124	B 60 g	9/00
150	B 60 m	
	B 60 r	
150.5, 151	B 60 s	9/00
152–157	B 62 b	9/14
		9/16
	B 62 d	25/16
158–158.1	B 60 s	1/68
159	B 62 b	9/14
		9/16
	B 62 d	25/16
160	B 60 r	19/00
	B 62 d	25/16
160.1	B 60 r	19/00
	B 62 j	15/00
161, 162	B 60 r	19/00
163–169	B 60 r	3/00
170–178	B 62 c	9/00
179, 180	B 60 p	7/00
181–185	B 62 c	9/00
186–192	B 62 c	7/00
		11/00
193	B 60 r	27/00
200	B 62 k	
	B 62 m	
201	B 62 j	11/02
202	B 62 j	7/00
		11/00
	B 62 k	27/00
203–204	B 62 k	27/00
205–208	A 63	
gi0625/00		
		27/00
		29/00
	B 62 k	1/00
		17/00
209	B 62 k	13/06
210–211	B 62 k	11/00
	B 62 m	
212–217	B 62 m	1/10
		27/00
218–219	B 62 m	29/00
220–235	B 62 m	1/00
236–238	B 62 m	9/00
		25/00
239	B 62 k	5/00
240	B 62 k	21/00
241	B 62 m	1/00
242–250	B 62 m	1/14
251	B 62 m	1/08
252	B 62 m	1/04
253–258	B 62 m	1/00
		5/00
259–262	B 62 m	1/02
263–280	B 62 k	1/00
		17/00
		21/00
	B 62 m	3/00
		5/00
		7/00
		9/00
		11/00
		13/00
		15/00
281–288	B 62 k	1/00
		3/00
		5/00
		7/00
		9/00
		11/00
		15/00
		17/00
		19/00
289–304	B 62 h	
	B 62 j	
400	B 60 d	
	B 62 d	13/00
		53/00
		59/00
401	B 62 d	63/00
402	B 60 p	3/06
	B 62 d	53/04
403	B 60 d	5/00
404	B 62 d	53/00
405–413	B 60 d	
	B 62 d	53/00
414	B 62 d	3/10
414.5	B 60 g	
415	B 60 f	
419	B 62 d	13/00
420–422	B 60 d	1/08
423–441	B 62 d	53/06
442–445	B 62 d	13/00
446–515	B 60 d	

U.S. Class 281

Books, strips and leaves

(IPC B 42 d)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 42 d	3/18
2, 3	B 42 d	1/00
4	B 42 d	3/04
5–14	B 42 d	19/00
15	B 42 d	1/00
		5/00
16	B 42 d	1/00
17	B 42 d	3/04
18	B 42 d	1/00
		5/00
19	B 42 d	3/04
20	B 42 d	1/00
		5/00
21	B 42 d	1/00
22	B 42 d	1/08
	B 42 f	5/00
23–28	B 42 d	1/00
29	B 42 d	3/00
30	B 42 d	3/00
		3/12
31, 32	B 42 d	3/00
33	A 47 b	23/00
	B 42 d	3/00
34	B 42 d	3/04
35	B 42 d	3/00
		3/02
36, 37	B 42 d	3/00
38	B 42 d	1/00
		5/00
39	B 42 d	1/00
40, 41	B 42 d	5/00
42	B 42 d	9/00
45–50	B 42 d	3/00
		7/00
		17/00

U.S. Class 282

Manifolding

(IPC B 41 l)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 41 l	1/00
		3/12
		5/16
2, 3	B 41 l	1/20
4	B 41 l	5/00
5	B 41 l	5/04
6	B 41 l	5/00
7	B 41 l	5/04
8–11	B 41 l	1/20
11.5	B 41 l	1/20
12	B 41 l	1/20
13, 14	B 41 l	5/00
15, 16	B 41 l	5/04
17	B 41 l	5/00
18	B 41 l	5/04
19	B 41 l	5/00
20, 21	B 41 l	5/04
22–24	B 41 l	1/24
25–27	B 41 l	1/20
28	B 41 l	1/16
29	B 41 l	3/00

U.S. Class 283

Printed matter

(IPC A 42 d)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 42 d	15/00
2–4	B 42 d	5/04
5–10	B 42 d	15/00
11	G 09 c	1/00
12–16	B 42 d	15/00
17	G 09 c	1/00
18–22	G 09 f	3/00
23, 24	B 42 d	15/00
25–29	G 09 f	3/00
30–33	B 42 d	15/00
34–35	G 09 b	29/00
36–43	B 42 f	21/00
44	G 09 b	19/02
		23/02
45	G 09 b	11/00
		19/08
46	G 09 b	17/02
47	G 09 b	15/02
48–52	G 09 b	19/22
53–55	B 42 d	15/00
56	G 09 f	
57–65	B 42 d	15/00
66	B 42 d	11/00
		15/00

U.S. Class 285

Pipe joints or couplings

(IPC F 16 l)

U.S. Subclass	IPC Subclass	IPC Notation
1, 2	F 16 l	35/00
		37/00
		55/00
3, 4	F 16 l	35/00
		37/00
5	B 05 b	15/00
	F 16 l	55/00
6	F 16 l	37/00

U.S. Class 285—Con.

U.S. Subclass	IPC Subclass	IPC Notation
		55/00
7	A 47 l	9/24
8	E 03 c	1/00
	F 16 l	21/00
		55/00
9	F 16 l	25/00
		55/00
10, 11	F 16 l	17/00
		25/00
		55/00
12	F 16 l	25/00
		55/00
13, 14	F 16 l	55/00
15, 17	F 16 l	55/00
		55/18
18, 19	F 16 l	35/00
		55/00
20	F 16 l	35/00
		41/04
		55/00
21, 22	F 16 l	13/02
		35/00
		47/02
		55/00
23	B 65 d	57/00
		59/00
	F 16 l	55/00
		57/00
24	F 16 l	35/00
		55/00
25, 26	B 61 g	5/08
	F 16 l	35/00
		55/00
27	F 16 l	35/00
		55/00
28 – 30	F 16 l	35/00
		39/00
		55/00
31	F 16 l	21/00
		25/00
32	F 16 l	21/00
		25/00
		27/12
33 – 35	F 16 l	35/00
		37/00
		55/00
36	F 16 l	35/00
		55/00
37	F 16 l	17/00
		21/02
		33/18
		55/00
38	F 16 l	35/00
		37/00
		55/00
39	F 16 l	35/00
		55/00
40	F 16 l	35/00
		41/04
		55/00
41	F 16 l	53/00
		55/00
42 – 44	E 04 b	5/48
	E 04 d	13/00
		13/14
45	F 16 l	11/12
		55/00
46	E 04 f	19/00
	F 16 l	5/00
		55/00
47 – 50	F 16 l	11/12
		55/00
		59/16
51	F 16 l	11/12
		27/04
		35/00
		59/16
52	F 16 l	11/12
		19/02
		55/00
		59/16
53, 54	F 16 l	11/12
		21/00
		55/00
		59/16
55	F 16 l	9/14
		55/00
		59/16
		61/00
56	E 03 d	11/00
	F 16 l	11/12
		55/00
57	E 03 d	11/00
	F 16 l	51/02
		55/00
58 – 60	E 03 d	11/00
	F 16 l	55/00
61	F 16 l	3/00
62	B 60 d	1/08
	F 16 l	3/00
63	B 61 g	5/06
	F 16 l	3/00
64	F 16 l	3/00
65 – 79	B 60 d	1/08
	B 61 g	5/08
	F 16 b	55/00
80 – 82	F 16 l	35/00
		55/00
83	F 16 l	33/16
		35/00
		55/00
84 – 92	F 16 j	15/00
	F 16 l	55/00
93	F 16 l	35/00
		55/00
94	F 16 l	7/00
		9/00
		11/00
		21/00
95 – 113	F 16 l	17/00
		33/16
114 – 116	F 16 l	13/04
		35/00
		55/00
117	F 16 l	35/00
		55/00
118	F 16 l	27/00
		55/00
119	F 16 l	55/00
120	F 16 l	55/00
121	F 16 l	45/00
		55/00
122, 123	F 16 l	27/00
		55/00
124 – 127	F 16 l	43/00
128, 129	F 16 l	55/00
	H 05 k	5/00
		5/04
130	B 65 d	47/00
	F 16 l	39/00
131 – 133	F 16 l	47/00
134	F 16 l	39/04
135 – 137	F 16 l	39/00
138 – 139	E 21 b	19/00
	F 16 l	21/00
		25/00
		55/00
140 – 148	E 21 b	19/10
	F 16 l	21/00
149	F 16 l	39/00
		55/00
150 – 156	F 16 l	41/00
157	F 16 l	
158, 159	F 16 l	3/04
		5/00
		41/00
160	F 16 l	3/04
		5/00
		27/04
		41/00
161, 162	F 16 l	3/04
		5/00
		43/00
163, 164	F 16 l	27/00
165	F 16 l	15/02
		27/12
166, 167	F 16 l	27/04
168	F 16 l	27/00
169 – 171	F 16 l	55/00
172	F 16 l	13/00
		47/02
		55/00
173 – 176	F 16 l	55/00
177	F 16 l	25/00
		55/00
178	F 16 l	55/00
179 – 183	F 16 l	43/00
184 – 185	F 16 l	27/00
187	F 16 l	55/00
188	F 16 l	
189	F 16 l	5/00
		27/00
		41/00
190	F 16 l	5/00
		27/00
		41/00
191 – 218	F 16 l	5/00
		41/00
219 – 221	F 16 l	5/00
		15/00
		41/00
222	F 16 l	41/00
223	F 16 l	27/10
224, 225	F 16 l	21/02
		27/10
		51/00
226 – 229	F 16 l	21/00
		27/10
		51/02
230	F 16 l	49/00
231 – 233	F 16 l	21/00
234	F 16 l	13/14
		19/04
		21/00
235 – 237	F 16 l	21/00
238 – 259	F 16 l	33/00
		47/00
		49/00
260	F 16 l	31/00
261 – 271	F 16 l	27/04
272 – 282	F 16 l	27/00
283	F 16 l	25/00
		27/00
		35/00
284	F 16 l	13/00
285	F 16 l	13/00
		47/02
		55/00
286	F 16 l	13/02
		47/02
287	F 16 l	13/00
		13/08
		47/00
		47/02
289	F 16 l	15/02
		27/12
		39/04
		49/00
298	F 16 l	
299 – 301	F 16 l	27/12
302, 303	F 16 l	15/02
		27/12
		39/04
		49/00
304	F 16 l	35/00
		37/00
305	F 16 l	37/00
306	F 16 l	37/06
		37/16
307 – 310	F 16 l	37/00
311	F 16 l	37/20
312	F 16 l	37/00
		37/18
314 – 316	F 16 l	37/18
317 – 321	F 16 l	39/00
322 – 324	F 16 l	21/06
325, 326	F 16 l	19/02
		25/00
		33/22
		37/26
327	F 16 l	37/26
328 – 334.5	F 16 l	25/00
		35/00
335 – 338	F 16 l	17/00
		19/00
		21/02
339 – 343	F 16 l	17/00
		19/06
		19/08

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 285—Con.		
		21/02
344–362	F 16 l	17/00
		19/00
		33/18
363–368	F 16 l	17/00
		19/00
		21/02
		23/00
369–377	F 16 l	17/00
		19/00
		21/02
378–380	F 16 l	17/00
		19/00
		21/02
		33/18
381	F 16 l	25/00
382–382.7	F 16 l	13/14
		19/04
		19/08
383–389	F 16 l	25/00
390	F 16 l	15/00
391	F 16 l	15/00
		37/00
392, 393	F 16 l	15/00
394–396	F 16 l	25/00
401, 402	F 16 l	21/00
403, 404	F 16 l	21/00
		37/24
405–416	F 16 l	23/00
417–419	F 16 l	21/00
420, 421	F 16 l	25/00
422–425	F 16 l	25/00
		35/00
		55/00

U.S. Class 287

Rod joints or couplings

(IPC F 16 b)

1, 2	B 25 g	3/00
	E 21 b	17/02
	F 16 b	7/00
		9/00
3	B 25 g	3/38
	F 16 b	7/10
	F 16 c	11/00
9	F 16 b	7/00
	G 01 b	3/02
12	B 25 g	3/38
	F 16 c	11/06
	F 16 l	27/02
14	B 25 g	3/38
	F 16 c	11/00
	F 16 l	27/00
20–20.1	B 25 g	3/00
	E 04 g	7/22
	F 16 b	9/00
20.2	B 25 g	3/34
	F 16 b	9/00
		11/00
	F 16 l	13/00
20.3, 20.5	B 25 g	3/28
	E 04 g	7/22
	F 16 b	9/00
		17/00
20.92–20.95	E 04 c	3/00
	F 16 b	5/00
		7/00
		9/00
21	B 25 g	3/38
	F 16 c	11/06
	F 16 l	27/02
23	A 46 c	3/00
	B 25 g	3/02
	E 04 h	12/22
	F 16 b	7/00
49–51	E 04 b	1/38
	E 04 c	3/00
	F 16 b	7/00
	F 16 d	3/08
52, 52.01	B 60 b	27/06
	F 16 c	3/10
	F 16 d	1/06
52.02	F 16 c	3/10
	F 16 d	1/06
52.03–52.05	B 60 b	27/06
	F 16 d	1/06
52.06–53	B 60 b	27/06
52.06	F 16 c	3/10
52.06–53	F 16 d	1/06
53.5	E 04 b	1/38
	E 04 g	7/00
	F 16 b	11/00
	F 16 d	3/08
54	E 04 g	7/00
	F 16 b	7/00
54.1	B 25 g	1/04
	E 04 g	7/00
	E 21 d	15/00
	F 16 b	7/10
55	B 43 l	7/00
	F 16 b	7/00
	G 01 b	3/04
56	B 25 g	3/00
	E 04 g	7/00
	E 04 h	12/22
	F 16 d	7/00
57	A 01 d	1/14
	F 16 b	7/00
58, 59	E 04 g	25/02
	E 21 d	15/02
		15/14
	F 16 b	7/10
60	E 04 g	25/02
	E 21 d	15/14
	F 16 b	7/06
61, 62	E 04 g	25/02
	E 21 d	15/14
	F 16 b	7/10
		15/02
63	E 04 b	1/38
	E 04 g	7/00
	F 16 b	7/00
		9/00
64	B 25 g	3/36
	E 04 b	1/58
	F 16 b	7/00
		9/00
65	B 25 g	3/36
	E 04 b	1/58
	F 16 b	7/00
75–76	E 04 h	12/20
	F 16 b	7/00
77	B 25 g	3/36
	E 04 h	12/20
	F 16 b	7/00
		9/00
78–79	B 25 g	3/36
	E 04 b	1/58
	E 04 h	12/20
	F 16 b	7/00
80–81	E 04 h	12/20
	F 16 b	7/00
82	B 25 g	3/00
	E 04 b	11/38
		11/40
	F 16 b	7/00
83	E 04 h	12/20
		12/22
	F 16 b	7/00
85, 86	F 16 b	7/00
	F 16 f	1/38
87–90	B 25 g	3/38
	F 16 b	7/00
	F 16 c	11/06
91	B 25 g	3/38
	F 16 c	11/04
	F 16 l	27/02
92–101	B 25 g	3/38
	F 16 c	11/00
	F 16 d	27/00
103	B 25 g	3/36
	E 04 b	1/58
	F 16 b	7/00
		9/00
104, 105	B 25 g	3/36
	E 04 b	1/58
	F 16 b	7/00
107	E 04 b	1/38
	E 04 g	7/00
	E 21 b	17/02
	F 16 b	7/00
108–126	F 16 b	7/00
	F 16 d	1/00
	F 16 l	21/00
127	E 04 b	1/48
	E 21 b	17/02
	F 16 b	7/00
		13/00
128	E 04 b	1/48
	E 21 b	17/02
	F 16 b	7/00
	F 16 d	1/00
129–130	E 04 g	7/00
	E 21 b	17/02
	F 16 b	7/00
	F 16 d	1/00
189.35, 189.36	F 16 b	1/00
		3/00
		5/00
		7/00
189.365	C 03 c	
	F 16 b	11/00

U.S. Class 289

Knots and knot tying

(IPC B 65 h)

1.2	D 04 g	5/00
1.5	B 65 h	69/04
2	A 01 d	59/04
	B 65 h	69/04
3	D 03 j	1/16
4–16	B 65 h	69/04
17	D 03 j	3/00

U.S. Class 290

Prime – mover dynamo plants

(IPC H 02 p)

1	H 02 p	9/04
2	B 60 l	1/02
	F 01 k	15/00
		17/02
	F 02 c	7/02
		7/34
3	F 01 b	
	F 01 k	
4	F 01 c	13/00
	F 01 d	15/10
	F 02 c	7/02
	F 02 d	25/00
		29/06
	H 02 p	9/04
5–6	H 02 p	9/04
7	F 02 d	29/06
	F 03 b	13/10
		15/08
	H 02 p	9/04
8	H 02 k	7/20
	H 02 p	9/04
9	B 60 l	11/02
	B 61 c	9/38
10, 11	B 60 l	11/02
	B 61 c	9/38
	H 02 k	23/52
12, 13	B 60 l	11/02
	B 61 c	9/38
	H 02 k	23/52
		23/60
14	B 60 l	11/02
	B 61 c	9/38
15	B 60 l	11/02
	B 61 c	9/38
	H 02 k	23/60
16–19	B 60 l	11/12
	B 61 c	9/38
20	B 60 l	11/02
	H 02 k	23/60
21	B 60 l	11/02

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 290—Con.		
	B 61 c	9/38
22	B 60 l	11/02
	B 61 c	9/38
	F 02 n	11/04
23	B 60 l	11/02
	B 61 c	9/38
	F 02 n	11/04
	H 02 k	23/52
		23/60
24–26	B 60 l	11/02
	B 61 c	9/38
	F 02 n	11/04
	H 02 k	23/52
		23/60
27,28	B 60 l	11/02
	B 61 c	9/38
	F 02 n	11/04
29	B 60 l	11/02
	H 02 k	23/60
30	B 60 l	11/02
	F 02 n	11/08
31–35	F 02 n	11/04
	H 02 k	23/52
	H 02 p	9/04
36	F 02 n	11/04
	H 02 p	9/04
37	F 02 n	11/06
	H 02 p	9/04
38	F 02 n	11/00
	H 02 p	9/04
39	H 02 k	23/60
	H 02 p	9/04
40	F 02 n	11/06
	H 02 p	9/04
41	F 02 n	11/06
	H 02 p	9/04
42	F 03 b	13/10
		13/12
	H 02 p	9/04
43	F 03 b	13/00
		13/10
	H 02 p	9/04
44	F 03 d	9/00
	H 02 p	9/04
45	B 60 l	11/02
	B 61 c	9/38
46	F 02 n	11/04
	H 02 k	23/52
	H 02 p	9/04
47	F 02 n	11/04
	H 02 p	9/04
48	F 02 n	11/08
	H 02 p	9/04
49	H 02 k	23/60
	H 02 p	9/04
50	B 60 l	11/12
	H 02 p	9/04
51	F 02 n	11/04
	H 02 p	9/04
52	F 01 d	15/10
	F 02 c	7/02
	H 02 k	7/18
	H 02 p	9/04
53	F 03 b	13/10
		13/12
	H 02 p	9/04
54	F 03 b	13/00
		13/105
	H 02 p	9/04
55	F 03 d	9/00
	H 02 p	9/04

U.S. Class 291

Track sanders

	(IPC)	
1–13	B 60 b	39/00
	(IPC)	
	B 61 c	15/10
	(IPC)	
14,15	B 61 h	11/00
16–47	B 60 b	39/00
	(IPC)	
	B 61 c	15/10
	(IPC)	
48	B 07 b	

U.S. Class 292

Closure fasteners

(IPC E 05 c)

1,2	E 05 c	19/00
		21/00
3	E 05 c	7/00
		9/00
4	E 05 c	5/02
		7/00
		9/00
5,6	E 05 c	5/00
		7/00
		9/00
7	E 05 c	5/00
		7/00
		9/10
8	E 05 c	7/00
		9/00
		19/10
9	E 05 c	7/00
		9/00
10	E 05 c	7/00
		9/00
		19/06
11	E 05 c	7/00
		9/00
		19/12
12	E 05 c	7/00
		9/00
13	E 05 c	7/00
		9/00
		19/06
14	E 05 c	7/00
		9/00
		19/02
15	E 05 c	7/00
		9/00
		19/04
16	E 05 c	7/00
		9/00
		19/02
17	E 05 c	7/00
		9/00
		19/02
		19/06
18	E 05 c	7/00
		9/00
		19/02
19,20	E 05 c	7/00
		9/00
		19/06
21	E 05 c	7/00
		9/00
		15/02
22,23	E 05 c	7/00
		9/00
24	E 05 c	7/00
		9/00
		19/10
25	E 05 c	7/00
		9/10
		19/10
26	E 05 c	7/00
		9/16
		19/10
27–31	E 05 c	7/00
		9/00
		19/10
32	E 05 c	1/00
		7/00
		9/00
33–35	E 05 c	1/06
		1/12
		7/00
		9/10
36	E 05 c	1/06
		1/12
		7/00
		9/16
37–38	E 05 c	1/06
		1/12
		7/00
		9/10
39	E 05 c	1/06
		1/12
		7/00
		9/12
40–41	E 05 c	1/06
		1/12
		7/00
		9/10
42	E 05 c	1/04
		1/10
		7/00
		9/10
43	E 05 c	1/06
		1/12
		7/00
		9/10
44	E 05 c	3/00
		7/00
		9/00
45–47	E 05 c	3/06
		3/16
		7/00
		9/10
48	E 05 c	3/06
		3/16
		7/00
		9/16
49,50	E 05 c	3/06
		3/16
		7/00
		9/10
51	E 05 c	3/06
		3/16
		7/00
		9/12
52,53	E 05 c	3/06
		3/16
		7/00
		9/10
54	E 05 c	3/04
		3/14
		7/00
		9/10
55	E 05 c	3/06
		3/16
		7/00
		9/10
56	E 05 c	9/12
57	E 05 c	5/02
58	E 05 c	5/04
59,60	E 05 c	5/02
61	E 05 c	5/04
62	E 05 c	5/02
63–69	E 05 c	5/00
70	E 05 c	19/02
71	E 05 c	5/00
		19/02
72	E 05 c	19/02
73	E 05 c	19/04
74,75	E 05 c	19/02
76,77	E 05 c	19/02
		19/06
78,79	E 05 c	19/02
80–87	E 05 c	19/06
88	E 05 c	13/02
		19/06
89–91	E 05 c	19/06
92–94	E 05 c	15/02
95–103	E 05 c	19/10
104	E 05 c	13/02
		19/10
105–108	E 05 c	19/10
109–115	E 05 c	5/00
		19/12
116–136	E 05 c	19/10
137	E 05 c	1/02
138–144	E 05 c	1/06
145–147	E 05 c	1/04

U.S. Class 292—Con.

U.S. Subcloss	IPC Subcloss	IPC Notation
148	E 05 c	1/04
		13/02
149, 150	E 05 c	1/04
151	E 05 c	1/04
		13/02
152, 153	E 05 c	1/04
154	E 05 c	1/08
		13/02
155	E 05 c	1/06
156	E 05 c	1/02
		1/08
157 – 161	E 05 c	1/06
		1/12
162	E 05 c	1/04
		1/10
163	E 05 c	1/08
164 – 174	E 05 c	1/12
175	E 05 c	1/10
176	E 05 c	1/12
177 – 181	E 05 c	1/02
182	E 05 c	1/06
183	E 05 c	1/02
		1/08
184 – 188	E 05 c	1/06
		1/12
189	E 05 c	1/04
		1/10
190 – 193	E 05 c	1/02
194	E 05 c	3/02
195 – 201	E 05 c	3/06
202 – 204	E 05 c	3/04
205	E 05 c	3/04
		13/02
206, 207	E 05 c	3/04
208	E 05 c	3/04
		13/02
209 – 210	E 05 c	3/04
211	E 05 c	3/04
		13/02
212	E 05 c	3/04
213	E 05 c	3/02
		3/12
214 – 217	E 05 c	3/06
		3/16
218	E 05 c	3/04
		3/14
219	E 05 c	3/12
220 – 227	E 05 c	3/16
228	E 05 c	3/14
229	E 05 c	3/02
230	E 05	3/02
		3/12
	E 05 c	3/02
		3/12
231 – 237	E 05 c	3/06
		3/16
238	E 05 c	3/04
		3/14
239	E 05 c	3/02
		3/12
240	E 05 c	3/02
241	E 05 c	3/04
242	E 05 c	3/14
243	E 05 c	13/02
244, 245	E 05 c	13/00
	F 05 b	15/10
246	E 05 c	19/10
247	E 05 c	5/00
		19/14
248, 250	E 05 c	19/10
251	E 05 c	5/04
251.5	E 05 c	17/56
		19/16
252	E 05 c	19/00
253	B 65 d	33/30
		55/06
254, 255	E 05 c	13/00
256	B 65 d	45/00
256.5	E 05 c	15/00
256.6 – 256.63	B 65 d	45/30
		45/32
256.65, 256.67	B 65 d	45/30
		45/32
256.69	B 65 d	45/30
		45/34
256.71 – 258	B 65 d	45/30
		45/32
259, 260	E 05 c	19/18
261	E 05 c	19/00
262	E 05 c	17/04
263	E 05 c	17/32
264	E 05 c	17/36
265 – 267	E 05 c	17/18
268 – 270	E 05 c	17/16
271 – 278	E 05 c	17/04
279 – 280	E 05 c	19/00
281	E 05 c	19/08
282	E 05 c	13/02
		19/08
283	E 05 c	19/08
284	E 05 c	13/02
		19/08
285	E 05 c	19/08
286, 287	E 05 c	13/02
		19/08
288 – 298	E 05 c	19/18
299 – 304	E 05 c	19/00
305, 306	E 05 c	17/02
		17/38
307 – 326	B 65 d	27/30
		33/34
		55/06
327 – 331	E 05 c	13/02
332 – 336	E 05 b	63/20
336.3	E 05 b	3/00
336.5	E 05 b	3/08
		3/10
337	E 05 b	9/00
338	E 05 c	17/44
339	E 05 c	17/54
340 – 341.19	E 05 b	15/02
342	E 05 c	17/44
343, 344	E 05 c	17/54
345	E 05 c	15/00
346	E 05 b	17/00
347	E 05 b	1/00
348 – 355	E 05 b	3/00
356, 357	E 05 b	15/02
358	E 05 b	3/00
359	E 05 b	13/00

U.S. Class 293

Vehicle fenders

(IPC B 60 r)

U.S. Subcloss	IPC Subcloss	IPC Notation
1 – 11	B 60 r	19/00
		21/14
	B 61 f	19/00
	B 61 g	11/00
12, 13	B 62 d	9/02
14	B 60 r	19/00
15 – 33	B 60 r	19/00
		21/14
	B 61 f	19/00
	B 61 g	11/00
34 – 37	B 61 f	19/08
38 – 39	B 61 f	19/06
	B 61 k	1/02
40	B 61 f	19/10
41	B 61 f	19/06
42 – 47	B 61 c	17/02
48 – 58	B 60 r	19/00
	B 61 f	19/00
60 – 101	B 60 r	19/00
		21/14
	B 61 f	19/04

U.S. Class 294

Handling, hand and hoist – line implements

(IPC B 66 c)

U.S. Subcloss	IPC Subcloss	IPC Notation
1, 2	A 47 f	13/06
		13/08
	A 47 j	45/00
	B 66 c	1/00
3	A 47 g	21/10
	B 25 b	7/00
3.5	E 04 g	21/16
4	A 47 g	21/00
	B 25 b	7/00
5.5	A 24 b	1/06
6	A 47 j	45/00
7 – 8	A 47 j	43/28
8.5	A 41 f	
	A 41 h	31/00
8.6	A 47 g	27/04
	B 26 f	1/32
	E 04 f	21/20
9 – 14	A 47 j	49/00
15 – 18	B 65 g	7/12
		9/00
19	A 47 f	13/06
20, 21	H 01 k	3/32
22, 23	A 47 f	13/06
23.5	D 06 f	5/00
24	A 47 f	13/06
25 – 26.5	B 65 g	7/12
27 – 34	A 47 j	45/00
49	A 01 b	1/00
	A 01 d	9/00
		11/00
50, 50.5	A 01 d	9/06
50.6 – 50.9	A 01 b	1/16
	A 01 d	9/06
		11/00
51	A 01 b	1/20
		1/22
	A 01 d	9/00
		11/00
52	A 01 d	11/06
53.5	A 01 b	1/00
	A 01 d	9/00
54	E 01 h	5/02
55	A 01 b	1/02
	A 47 f	13/08
55.5	A 01 d	9/00
56	A 01 b	1/00
57, 58	A 01 b	1/22
	B 25 g	
59, 60	A 01 b	1/00
	A 01 d	9/00
		11/00
61	A 01 k	81/04
	B 08 b	1/00
	F 41 b	13/10
62	B 65 g	7/12
63	B 66 c	1/00
64, 65	A 47 b	97/00
	B 66 c	1/02
65.5	B 66 c	1/04
	E 21 b	31/06
66, 67	B 66 c	1/00
68 – 73	B 65 d	51/00
	B 66 c	3/00
	E 04 g	21/02
	E 21 b	27/00
		31/04
		33/132
74 – 77	B 66 c	1/12
78	B 66 c	1/34
79, 80	A 22 c	15/00
	B 66 c	1/34
81	B 66 c	1/00
82, 83	B 64 d	17/38
	B 66 c	1/34
84	B 63 b	23/58
	B 66 c	1/34
85	B 66 d	3/00
86	B 25 b	
	B 66 c	1/10
86.1 – 86.34	E 21 b	31/00
	E 21 c	19/00
87, 87.2	B 66 c	1/10
87.22, 87.24	B 66 c	1/28
87.26	B 66 c	1/10
87.28	B 66 c	1/44
88 – 119	B 25 b	
	B 66 c	1/00
120 – 130	A 01 d	89/00
	B 66 c	3/00
131	B 25 b	29/00

U.S. Subclass	IPC Subclass	Notation
U.S. Class 295		
Railway wheels and axles		
(IPC B 60 b)		
1 – 8	**B 60 b**	17/00
8.5	**B 60 b**	19/02
9 – 35	**B 60 b**	17/00
36 – 42	**B 60 b**	35/00
43	**B 60 b**	37/00
44 – 50	**B 60 b**	37/10
		37/12
U.S. Class 296		
Land vehicles, bodie sand tops		
(IPC B 60 p)		
1	**B 60 j**	9/00
	B 62 c	1/00
	B 62 d	23/00
		39/00
2 – 6	**B 60 p**	3/00
7	**B 60 p**	3/00
	B 62 c	1/06
	B 62 d	33/08
8, 9	**B 60 p**	3/00
10, 11	**B 60 p**	3/42
	B 62 c	1/06
12 – 14	**B 60 p**	3/04
15	**B 60 p**	3/22
16 – 18	**B 60 p**	3/26
19, 20	**A 61**	
gi063/00		
	B 60 p	3/00
21	**B 60 p**	3/02
	B 60 r	13/00
22	**B 60 p**	3/02
23	**B 60 p**	3/32
	B 60 r	15/00
24	**B 60 r**	7/00
	B 62 d	33/04
25	**B 60 p**	3/00
	B 62 d	25/20
26	**B 62 c**	1/06
	B 62 d	33/08
27	**B 60 p**	3/34
28 – 31	**B 62 d**	27/00
		29/00
32 – 34	**B 62 d**	33/00
35	**B 62 d**	23/00
36	**B 62 d**	27/00
37	**B 60 r**	5/00
		7/00
37.2	**B 62 d**	43/00
38	**B 62 d**	27/00
39	**B 62 d**	33/00
40, 41	**B 60 r**	27/00
42	**B 60 p**	1/00
43	**B 60 p**	7/06
	B 62 d	33/02
50 – 62	**B 62 d**	25/00
		33/00
63, 64	**B 60 n**	1/00
65 – 68	**B 60 n**	1/02
69	**B 60 n**	1/10
70	**B 62 d**	25/14
71	**B 60 n**	3/02
72 – 74	**B 62 d**	25/14
75	**B 60 n**	3/06
	B 62 d	25/20
	B 62 j	25/00
76	**B 62 d**	25/10
77	**B 60 n**	3/00
78.1	**B 62 j**	17/00
		19/00
		23/00
79, 80	**B 60 j**	1/00
81, 82	**B 60 n**	3/00
83	**B 60 j**	11/00
84, 85	**B 60 j**	1/02
		1/20
86	**B 60 j**	1/06
87, 88	**B 60 j**	1/06
89	**B 60 j**	1/16
90	**B 60 j**	1/02
		1/20
91	**B 60 j**	1/20
		9/04
92, 93	**B 60 j**	1/02
		1/20
94	**B 60 h**	1/24
95, 96	**B 60 j**	1/20
		3/06
97	**B 60 j**	3/00
98	**B 60 j**	11/00
99	**B 60 j**	7/00
	B 62 d	25/06
100 – 101	**B 60 p**	7/02
102 – 106	**B 62 d**	25/06
107 – 134	**B 60 j**	7/00
135 – 136	**B 60 j**	7/20
	B 62 d	25/06
137 – 145	**B 60 j**	7/00
	B 62 d	25/06
146	**B 60 j**	1/00
		5/00
		9/00
147 – 151	**B 60 j**	1/00
		5/00
152	**B 60 j**	1/20
		3/00
153, 154	**B 60 j**	9/00
155	**B 60 j**	5/06
U.S. Class 297		
Chairs and seats		
(IPC A 47 c)		
1 – 3	**A 47 c**	13/00
	A 47 d	1/04
4	**A 47 c**	1/00
		9/00
5, 6	**A 47 d**	13/04
	A 61 h	3/04
	A 63 c	3/04
7 – 12	**A 47 c**	13/00
	A 47 d	11/00
13	**A 47 c**	1/12
14, 15	**A 47 c**	9/06
	B 60 n	1/10
16 – 19	**A 47 c**	4/00
	A 47 d	1/02
20	**A 47 c**	3/02
	A 47 d	13/10
21 – 31	**A 47 c**	4/00
	A 47 d	1/02
32 – 33	**A 47 c**	3/02
	A 47 d	13/10
34 – 44	**A 47 c**	4/00
	A 47 d	1/02
45	**A 47 c**	4/28
46 – 60	**A 47 c**	4/00
	A 47 d	1/02
61	**A 47 c**	1/02
62 – 67	**A 47 c**	13/00
	B 60 n	1/10
68 – 91	**A 47 c**	1/02
	A 61 g	15/00
92 – 104	**B 60 n**	1/02
105, 106	**A 47 c**	13/00
		17/04
107	**A 47 c**	13/00
		17/06
108 – 114	**A 47 c**	13/00
		17/04
115	**A 47 c**	13/00
		17/04
116, 117	**A 47 c**	13/00
		17/12
118	**A 47 c**	13/00
119 – 128	**A 47 b**	85/04
129, 130	**A 47 c**	13/00
131 – 133	**A 47 c**	3/02
		13/00
	A 47 d	1/08
134	**A 47 d**	1/10
135 – 174	**A 47 b**	39/00
		83/02
175 – 179	**A 47 c**	9/04
180	**A 47 c**	7/72
		31/00
181	**A 63 g**	9/10
182	**A 47 d**	15/00
183	**A 47 c**	4/52
		31/00
184	**A 47 c**	7/10
		29/00
185, 186	**A 47 c**	7/62
		31/00
187	**A 47 c**	9/14
188 – 194	**A 47 c**	7/62
195	**B 62 j**	1/00
196	**B 62 j**	1/02
197	**B 62 j**	1/24
198	**B 62 j**	1/02
199, 200	**B 62 j**	1/26
201 – 203	**B 62 j**	1/00
204 – 207	**B 62 j**	1/10
208 – 213	**B 62 j**	1/02
214	**B 62 j**	1/18
215	**B 62 j**	1/02
216	**B 60 r**	21/10
217	**A 47 c**	7/62
		31/00
218, 219	**A 47 c**	27/00
		31/00
220 – 222	**A 61 g**	15/00
223 – 229	**A 47 c**	27/00
		31/00
230, 231	**A 47 c**	7/02
232 – 238	**A 47 c**	15/00
239	**A 47 c**	3/04
240 – 249	**A 47 c**	15/00
250 – 256	**A 47 c**	1/08
	A 47 d	1/10
257	**A 47 c**	15/00
258 – 272	**A 47 c**	3/02
	A 47 d	13/10
273 – 282	**A 47 d**	13/10
	A 63 g	9/00
283	**A 47 c**	27/00
284	**A 47 c**	3/00
		25/00
285 – 309	**A 47 c**	3/00
	B 60 n	1/02
310	**A 47 c**	3/00
311 – 349	**A 47 c**	1/02
		1/06
		1/12
	A 61 g	15/00
	B 60 n	1/02
350, 351	**A 47 c**	1/14
		4/28
		15/00
352	**A 47 c**	15/00
	A 47 d	1/10
353 – 383	**A 47 c**	3/00
	B 60 n	1/02
384 – 390	**A 47 c**	31/00
	A 47 d	15/00
	B 60 r	21/10
391 – 410	**A 47 c**	1/10
		7/12
		7/36
	A 61 g	15/00
411	**A 47 c**	7/54
412, 413	**A 47 c**	7/54
	B 60 n	3/02
414 – 417	**A 47 c**	7/54
	B 60 n	1/06
418	**A 47 c**	5/02
		7/12
		7/54
419 – 421	**A 47 c**	5/04
		7/12
		7/54
422	**A 47 c**	1/12
		7/54
423 – 425	**A 47 c**	7/50
426	**A 47 c**	9/14
427 – 437	**A 47 c**	7/50
438, 439	**A 47 c**	9/12
440 – 444	**A 47 c**	7/00
445 – 451	**A 47 c**	1/12

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 297—Con.		
		5/00
		7/00
		11/00
452–460	A 47 c	7/02
461, 462	A 47 c	9/00
		25/00
463	A 47 c	15/00
		31/00

U.S. Class 298

Land vehicles dumping

(IPC B 60 p)

1	B 60 p	1/00
2	B 62 b	1/00
		3/00
3	B 62 b	1/00
4	B 62 b	17/06
5, 6	B 62 b	1/00
		3/00
7	B 60 p	1/00
	B 65 g	67/24
8	B 60 p	3/24
	B 65 g	67/32
9	B 60 p	1/30
10	B 65 g	67/50
11	B 60 p	1/34
	B 65 g	67/32
12–16	B 60 p	1/30
	B 65 g	67/32
17–23	B 60 p	1/04
		1/28
	B 61 d	9/00
	B 65 g	67/32
24–26	B 60 p	1/00
	B 61 d	7/00
27–37	B 60 p	1/04
		1/56
	B 61 d	7/00
38	B 60 p	1/00

U.S. Class 299

Mining or in situ disintegration of hard material

(IPC E 21 c)

1, 2	E 21 c	
3, 4	E 21 c	41/00
		43/00
5	E 21 b	
	E 21 c	41/08
6	E 21 c	41/14
7–9	E 02 f	7/00
10–13	E 21 c	37/00
		41/00
		45/00
14	E 21 c	37/16
		37/20
15–18	E 21 c	37/00
		41/00
		45/00
19	E 21 c	41/00
20	E 21 c	37/00
21, 22	E 21 c	37/06
23	E 21 c	37/02
24–28	E 02 b	15/02
29	E 21 c	
30	E 21 c	35/24
31, 32	E 21 c	29/00
33	E 21 d	23/00
34	E 21 c	27/32
35	E 21 c	27/00
36–41	E 21 c	47/00
42	E 21 c	
43–46	E 21 c	35/20
47–54	E 21 c	
55–62	E 21 c	1/00
63	E 21 c	27/00
64–68	E 21 c	35/02
69, 70	E 21 c	3/00
71–78	E 21 c	25/00
79–94	E 21 c	13/00
95	E 21 c	

U.S. Class 300

Brush, broom and mop making

(IPC A 46 d)

1	A 46 b	15/00
2	A 46 d	
3	A 46 d	3/06
4	A 46 d	3/04
5	A 46 d	1/04
6	A 46 b	3/16
7	A 46 d	1/04
8	A 46 b	3/00
9	B 46 d	1/08
10, 11	B 25 b	1/20
		11/00
12	A 46 d	7/00
13–15	B 46 d	9/00
16	A 46 d	9/00
	A 47 l	13/20
17	A 46 d	9/00
18	A 46 d	1/04
19	A 46 d	3/08
20	B 25 g	3/00
21	A 46 b	
	A 46 d	

U.S. Class 301

Land vehicles, wheels and axles

(IPC B 60 b)

1–2.5	B 60 b	37/00
5	B 60 b	1/00
		27/00
5.3, 5.7	A 63 c	17/22
6	A 63 c	17/12
		17/14
	B 60 b	19/00
	B 60 k	
	B 60 t	
7	B 60 b	1/00
		27/00
8	B 60 b	3/12
9	B 60 b	1/00
		27/00
10	B 60 b	23/00
		25/00
11–29	B 60 b	23/00
30–34	B 60 b	21/02
		25/00
35	B 60 b	21/00
		25/00
36	B 60 b	11/00
37	B 60 b	7/00
	B 60 r	13/00
		19/00
38	B 60 b	11/00
		15/00
39, 40	B 60 c	17/00
		19/00
41–53	B 60 b	15/00
		39/00
54	B 60 b	1/00
		23/00
55–61	B 60 b	1/02
62–85	B 60 b	1/06
86–94	B 60 b	3/00
		5/00
		19/00
95–103	B 60 b	21/00
		25/00
104	B 60 b	1/00
		5/00
		9/26
105–110	B 60 b	27/00
111–122	B 60 b	27/02
		27/06
		37/00
123	B 60 b	19/00
		25/22
124–136	B 60 b	35/00
		37/00

U.S. Class 302

Conveyers, fluid current

(IPC B 65 g)

1–3	B 65 g	53/00
4–10	B 65 g	53/04
11–13	B 65 g	53/04
14–16	B 65 g	53/30
17–35	B 65 g	53/04
36–63	B 65 g	53/40
64, 65	B 65 g	53/34
66	B 65 g	53/04

U.S. Class 303

Fluid pressure brake and analogus systems

(IPC B 60 t)

1	B 60 t	17/00
2, 3	B 60 t	13/74
4	B 60 t	13/46
5–9	B 60 t	13/00
10	B 60 t	13/16
11	B 60 t	13/18
12	B 60 t	13/46
13	B 60 t	15/16
		17/02
14	B 60 t	11/20
15	B 60 t	7/00
		13/70
		15/14
16	B 60 t	7/12
17	B 60 t	13/68
18	B 60 t	7/16
		7/18
19	B 60 t	7/14
20	B 60 t	13/66
		13/68
		13/70
		13/72
		15/14
21	B 60 t	8/06
22, 23	B 60 t	8/18
24	B 60 t	8/00
25	B 60 t	13/62
26	B 60 t	17/04
27	B 60 t	15/18
		17/18
28	B 60 t	8/00
		15/18
29, 30	B 60 t	17/04
31	B 60 t	13/52
32	B 60 t	15/20
33, 34	B 60 t	11/34
35	B 60 t	8/00
		15/12
36	B 60 t	15/52
37	B 60 t	15/30
		15/44
38	B 60 t	15/42
39	B 60 t	11/26
		13/14
40	B 60 t	15/02
41	B 60 t	11/28
42	B 60 t	13/40
		13/52
		17/18
43	B 60 t	17/18
44	B 60 t	15/18
45	B 60 t	15/36
46	B 60 t	13/10
		13/12
		13/14
		13/16
		13/18

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 303—Con.		
		13/20
47	B 60 t	15/46
	B 61 h	13/00
48	B 60 t	11/02
49	B 60 t	11/10
50	B 60 t	15/04
51	B 60 t	15/16
		17/20
52	B 60 t	15/06
53	B 60 t	13/00
54	B 60 t	15/12
55	B 60 t	15/08
56	B 60 t	
57	B 60 t	15/20
		15/24
		15/34
58	B 60 t	15/56
59	B 60 t	13/18
60	B 60 t	11/34
		15/36
61	B 60 t	15/58
62	B 60 t	15/00
63	B 60 t	7/12
		13/00
64	B 60 t	15/38
65	B 60 t	15/56
66	B 60 t	17/06
67	B 60 t	11/28
		15/00
68	B 60 t	15/02
69	B 60 t	15/32
70	B 60 t	15/50
71	B 60 t	13/22
72	B 60 t	15/46
73	B 60 t	15/18
74	B 60 t	15/54
75	B 60 t	15/54
		17/16
76	B 60 t	15/06
77	B 60 t	11/32
		15/18
		15/54
78	B 60 t	13/14
		13/28
79	B 60 t	15/00
80	B 60 t	15/50
81	B 60 t	11/32
		15/00
		17/04
82	B 60 t	17/04
83	B 60 t	15/54
84	B 60 t	15/46
85	B 60 t	11/34
86	B 60 t	11/26
87	B 60 t	17/04
		17/08
89	B 60 r	25/08
	B 60 t	17/16
90	B 60 t	15/00

U.S. Class 305

Wheel substitutes for land vehicles

(IPC B 62 d)

U.S. Subclass	IPC Subclass	IPC Notation
1 – 3	B 62 d	57/02
4, 5	B 60 b	15/18
	B 62 d	57/02
6, 7	B 62 d	55/00
8	B 61 f	11/00
9, 10	B 62 d	55/00
11 – 13	B 60 s	1/62
	B 62 d	25/16
14	B 60 b	
	B 62 d	55/00
15	B 60 b	19/02
	B 62 d	55/04
16 – 18	B 62 d	55/10
19 – 32	B 62 d	55/14
33	B 62 d	55/00
34	B 60 b	19/06
	B 60 c	5/00
	B 62 d	55/00
35 – 59	B 62 d	55/08
60	B 60 b	19/00
	B 62 d	55/00
		57/00

U.S. Class 306

Tool – handle fastenings

(IPC B 25 g)

U.S. Subclass	IPC Subclass	IPC Notation
1	A 01 b	1/22
		15/02
	B 25 g	3/00
1.1 – 1.3	A 01 d	1/14
1.5, 1.6	A 01 b	15/02
		15/12
		23/00
2 – 5	A 01 b	1/22
	B 25 g	3/38
6	A 01 b	1/22
	A 01 d	9/02
	B 25 g	3/06
7 – 19	B 25 g	3/38
20	B 25 g	3/04
21 – 23	A 01 b	1/22
	A 01 d	9/02
	B 25 g	3/02
24	A 01 b	1/22
	A 01 d	9/02
	B 25 g	3/34
25	A 01 b	1/22
	A 01 d	9/02
	B 25 g	3/02
26	A 01 b	1/22
	A 01 d	9/02
	B 25 g	3/20
27	A 01 b	1/22
	A 01 d	9/02
	B 25 g	3/02
28	A 01 b	1/22
	A 01 d	9/02
	B 25 g	3/18
29	A 01 b	1/22
	A 01 d	9/02
	B 25 g	3/20
30	A 01 b	1/22
	A 01 d	9/02
	B 25 g	3/30
31, 32	A 01 b	1/22
	A 01 d	9/02
	B 25 g	3/02
33, 34	A 01 b	1/22
	A 01 d	9/02
	B 25 g	3/28
35 – 37	A 01 b	1/22
	A 01 d	9/02
	B 25 g	3/00
38	A 01 b	1/22
	A 01 d	9/02
	B 25 g	3/32
39	A 01 b	1/22
	A 01 d	9/02
	B 25 g	3/20
		3/24
40	A 01 b	1/22
	A 01 d	9/02
	B 25 g	3/00
41	A 01 b	1/22
	A 01 d	9/02
	A 46 d	3/00
	B 25 g	3/02
42, 43	A 01 b	1/22
	A 01 d	9/02
42	B 25 g	3/00
44	A 01 b	1/22
	B 25 g	3/00
45	A 01 d	9/02
	B 25 g	3/08

U.S. Class 307

Electrical transmission or interconnection systems

(IPC H 02 j)

U.S. Subclass	IPC Subclass	IPC Notation
1	H 02 j	1/00
		3/00
	H 04 b	3/54
2	H 02 j	3/02
	H 04 b	3/54
3	H 02 j	3/02
		3/34
	H 04 b	3/54
4	H 02 j	1/00
		3/00
	H 04 b	3/54
5 – 6	H 02 j	1/00
		3/00
	H 04 b	3/54
7 – 8	H 02 j	1/00
		3/00
	H 04 b	3/54
9	B 60 l	1/00
		3/00
	H 02 g	3/00
	H 02 j	1/00
		3/00
10	B 62 d	45/00
	H 02 g	3/00
	H 02 j	1/00
		3/00
11	H 02 j	1/00
		3/00
12	H 02 j	1/08
		3/00
13	H 02 j	3/00
14	H 02 j	3/26
15 – 16	H 02 j	1/00
		3/00
17	H 02 j	3/00
18	H 02 j	1/10
		3/38
		7/34
19	H 02 j	1/10
		3/06
		3/38
		7/34
20	H 02 j	1/10
		3/06
		3/46
21	H 02 j	1/12
		3/02
		3/38
22	H 02 j	3/02
23	H 02 j	1/10
		3/38
		9/00
24	H 02 j	1/10
		3/46
25	H 02 j	1/12
		3/02
		3/04
		3/38
26	H 02 j	3/02
		3/04
		3/38
27	H 02 j	3/02
		3/34
28	H 02 j	1/10
		3/00
29	H 02 j	1/10
		3/00
	H 02 m	1/10
	H 02 p	
30	H 02 j	1/00
		3/00
31 – 32	H 02 j	1/00
		3/00
	H 02 m	
	H 02 p	
33	H 02 j	1/00
		1/04
		3/00
		3/10
34 – 35	H 02 j	1/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 307—Con.		
		1/04
		3/00
		3/14
36	H 02 j	1/00
		3/00
37–41	H 02 j	1/00
		3/00
		3/14
42–43	H 02 j	
44	H 02 j	1/10
		3/38
		7/34
45	H 02 j	1/12
		3/30
		3/34
		3/38
		5/00
46	H 02 j	1/12
		3/32
		3/34
47	H 02 j	1/16
		3/30
		3/38
48–49	H 02 j	3/32
		7/34
50	H 02 j	3/32
		7/34
		7/36
51–53	H 02 j	1/10
		3/38
		7/34
54	H 02 j	1/00
		3/00
		7/00
55–56	H 02 j	1/12
		3/00
		7/34
57–58	H 02 j	1/10
		3/00
59	H 02 j	1/10
		3/00
60	H 02 j	1/04
		3/10
		7/34
61	H 02 j	1/00
		3/00
		7/00
62	H 02 j	1/10
		3/38
		7/34
63	H 02 j	1/00
		3/00
		7/00
64–67	H 02 j	7/00
		9/00
68	H 01 f	1/00
		3/00
	H 02 j	1/16
		3/30
		9/00
81–87	H 02 j	1/00
		3/00
88	H 01 f	27/42
		31/06
		35/00
		37/02
	H 01 g	
	H 03 f	9/00
		11/00
	H 03 k	
88.3	H 02 m	5/04
		5/16
	H 03 c	3/18
		3/20
	H 03 f	7/02
		7/04
	H 03 k	
89	H 04 b	3/28
		3/30
		3/32
		15/00
	H 05 k	9/00
90	H 04 b	3/28
		3/30
		3/32
		15/00
	H 05 k	
91	H 04 b	3/28
		3/30
		3/32
		15/00
	H 05 k	9/00
92	H 02 h	
93	H 02 h	1/04
		3/22
	H 04 b	1/02
		15/02
94	H 02 h	
95	B 01 d	13/02
		59/40
	B 01 k	
	B 23 p	1/04
	H 01 b	7/28
96–97	B 01 k	9/24
	H 01 h	31/34
		47/02
	H 02 j	7/22
98	G 05 f	1/10
	H 01 h	47/02
		51/34
99	G 05 f	1/10
	H 01 h	47/02
		51/34
	H 02 j	7/18
	H 02 p	9/18
100	H 01 h	79/00
	H 02 h	
101	H 01 f	13/00
		27/42
	H 02 p	9/12
102	H 02 j	3/24
103	H 02 j	1/00
		3/12
104	H 01 f	27/42
		35/00
		37/00
105	H 02 j	1/02
	H 02 m	1/12
		1/14
106–108	H 03 k	3/00
		3/64
109	H 02 m	3/06
	H 03 g	1/16
110	H 02 m	3/18
111	H 02 h	1/04
112	H 01 h	
	H 02 b	1/24
	H 02 j	
113–114	H 01 h	19/64
		31/10
		33/52
		33/59
		47/00
		85/46
	H 02 b	1/24
115	H 01 h	19/14
		31/10
		32/52
		33/59
		47/00
		85/46
	H 02 b	1/24
116	H 01 h	35/00
		83/00
	H 02 b	1/24
117	H 01 h	35/00
		35/14
		37/00
		47/24
		47/26
	H 02 b	1/24
118	H 01 h	35/18
		35/24
		35/42
		45/00
	H 02 b	1/24
119	H 01 h	35/00
	H 02 b	1/24
120	H 01 h	35/00
		35/06
		35/10
	H 02 b	1/24
121	H 01 h	35/00
		35/14
	H 02 b	1/24
122	H 01 h	1/24
		35/00
		35/06
		35/12
	H 02 b	1/24
124	H 01 h	35/00
	H 02 b	1/24
125	H 01 h	47/00
		83/00
	H 02 b	1/24
	H 02 h	
126	H 01 h	35/00
		47/00
		83/18
	H 02 b	1/24
	H 02 h	3/02
		3/42
		35/00
		47/00
		83/00
129	H 01 h	35/00
		47/20
		83/00
	H 02 b	1/24
	H 02 h	3/00
130	H 01 h	35/00
		47/00
		83/10
		83/12
		83/14
	H 02 b	1/24
	H 02 h	3/14
		3/20
		3/24
		3/26
131	H 01 h	35/00
		47/00
		83/02
		83/06
		83/08
		83/14
	H 02 b	1/24
	H 02 h	3/08
		3/12
		3/16
		3/18
		3/26
132	H 01 h	47/00
		51/34
133	H 01 h	7/16
		9/56
		33/44
		33/59
134	H 01 h	
135	H 01 h	9/30
136	H 01 h	9/30
		33/00
137–138	H 01 h	1/50
		1/60
		9/30
		33/00
139	H 01 h	3/00
		9/54
		33/59
		47/00
		85/46
140	H 01 h	3/26
		3/28
		9/54
		33/59
		47/00
		85/46
141	H 01 h	7/00
		43/00
141.4–141.8	H 01 h	3/34
		33/59
142	H 01 h	3/00
143	H 01 h	3/26
		3/28
		33/36
		33/38
		47/00
		61/00
144	H 01 h	3/24
		33/30

U.S. Class 307—Con.

U.S. Subclass	IPC Subclass	IPC Notation
		35/24
145	H 01 r	39/00
	H 02 g	11/00
146	H 02 j	
147	H 01 b	7/30
		11/02
	H 02 b	1/20
	H 02 g	
149	H 02 j	
150	H 02 j	7/00
		9/00
151	H 02 m	
152	H 02 j	
153	H 02 j	
	H 02 p	9/00
154–156	H 02 j	
157	H 02 j	9/02
200	H 01 l	
	H 03 k	
201	H 03 k	19/08
		19/12
		19/20
202	H 02 h	7/20
203	H 03 k	19/12
		19/22
204	H 02 k	19/08
		19/12
205	H 03 k	19/08
206	H 03 k	19/08
		19/10
207	H 03 k	19/08
		19/12
208–210	H 03 k	19/08
		19/12
211	H 03 k	19/42
		19/44
212–213	H 03 k	19/08
		19/12
214	H 03 k	19/40
215	H 03 k	19/34
		19/36
216–217	H 03 k	19/20
218	H 03 k	19/22
		19/30
219	H 01 j	19/82
220, 221	H 03 k	21/00
		23/08
		23/14
		23/22
		23/30
		23/36
		25/00
222	H 03 k	21/00
		23/08
		23/14
		23/22
		23/30
		23/36
223	H 03 k	21/00
		23/08
		23/22
224–226	H 03 k	21/00
		23/08
		23/14
		23/22
		23/30
		23/36
227, 228	H 03 k	3/00
		4/00
		5/00
229, 230	G 06 g	7/12
231–236	H 03 k	5/20
237	H 03 k	5/08
238	H 03 k	
239–250	H 03 k	17/00
251–259	H 03 k	17/00
260	H 03 k	5/00
261	H 03 k	5/00
262	H 03 k	1/12
263	H 03 k	
264	H 03 k	
265–267	H 03 k	1/14
268	H 03 k	5/00
269	H 03 k	5/00
		17/00
		17/26
		17/28
270	H 03 k	1/00
		3/26
271	H 03 k	1/10
272–274	H 03 k	3/26
275–276	H 03 k	3/30
277	H 03 k	3/00
		3/38
278	H 03 k	3/00
279–285	H 03 k	3/26
286–288	H 03 k	3/00
286	H 03 k	3/315
289–292	H 03 k	3/26
293	H 03 k	17/26
		17/28
294	H 03 k	17/26
		17/28
295	H 03 k	1/16
		3/72
296	H 03 k	1/00
		1/02
297	H 03 k	1/12
298	H 03 k	3/26
		19/08
		19/12
		23/08
		23/22
		23/24
		23/36
299–305	H 03 k	3/26
		19/08
		23/08
		23/22
306	H 03 k	3/38
307	H 03 k	3/26
		19/08
		23/08
		23/22
308	H 03 k	
309	H 03 k	
310	H 03 k	
311–312	H 03 k	3/42
		19/14
		23/12
313	H 03 k	3/26
		15/18
		19/08
314	H 03 k	3/26
		19/12
		19/16
		23/08
		23/22
		23/24
		23/36
315	H 03 k	3/26
		19/08
		23/08
		23/22
316	H 03 k	
317	H 03 k	3/26
		3/34
		19/08
		19/10
		19/12
		23/14
		23/36
318	H 03 k	3/26
		19/08
		23/14
		23/36
319–325	H 03 k	3/26
		19/08
		19/10
		19/12
		23/14
		23/36

U.S. Class 308

Machine elements, bearings and guides

(IPC F 16 c)

U.S. Subclass	IPC Subclass	IPC Notation
1	F 16 c	9/00
		17/00
		19/00
		27/00
		29/00
		31/00
2	F 16 c	7/00
		9/00
		11/00
	F 16 j	1/14
3	F 16 c	5/00
		17/00
		21/00
		23/02
		25/02
		29/00
3.5	F 16 c	17/00
		21/00
		29/00
3.6	F 16 c	21/00
		29/00
3.8	F 16 c	21/00
		29/00
		35/02
3.9	F 16 c	1/26
		21/00
		29/00
		35/00
4	F 16 c	1/26
		17/00
		21/00
		29/00
5	F 16 c	1/24
		17/00
		21/00
		33/10
		33/74
6	F 16 c	17/00
		19/00
		21/00
		29/00
		31/00
7	F 16 c	1/20
		17/00
		19/00
		21/00
		29/00
		31/00
8	F 16 c	19/00
		21/00
		31/00
		33/00
8.2	F 16 c	19/00
		29/00
9	F 16 c	7/04
		35/00
10	F 16 c	35/00
		39/00
15	F 16 c	13/00
		35/00
		39/00
16	F 16 c	13/00
		35/00
17	F 16 c	9/06
		25/00
		35/00
18–20	F 16 c	13/00
		35/00
21	F 16 c	7/00
		11/00
		35/00
22	F 16 c	9/00
		13/00
		35/00
23	F 16 c	3/06
		9/00
		13/00
		35/00
23.5	F 16 c	3/04
		9/00
		35/00
24	F 16 c	35/00
25	F 16 c	3/04
		9/02
		35/00
26	F 16 c	27/00
		35/00
27	F 16 c	3/00
		35/00

U.S. Class 308—Con.

U.S. Subclass	IPC Subclass	IPC Notation
28	F 16 c	35/00
29	F 16 c	23/00
		35/00
30	F 16 c	35/00
31	F 16 c	9/06
		23/00
		25/00
		35/00
32, 33	F 16 c	23/00
		35/00
34	F 16 c	35/00
35	F 16 c	17/00
		19/50
		21/00
		29/00
		31/00
36	F 16 c	17/00
		19/00
		21/00
		29/00
		31/00
36.1	F 16 c	1/24
		33/72
	F 16 j	15/00
36.2	F 16 c	1/24
		33/72
36.3	F 16 c	1/24
		33/72
	F 16 j	15/40
36.4	F 16 c	1/24
		33/72
	F 16 j	15/42
36.5	F 16 c	1/24
		33/72
37	F 16 c	17/04
		19/04
38	F 16 c	13/02
		35/00
39	F 16 c	13/02
		33/00
		35/00
40	F 16 c	13/02
		35/00
41	F 16 c	13/02
		35/00
42 – 52	F 16 c	13/02
		35/00
53, 54	F 16 c	13/02
		33/00
		35/00
55	F 16 c	13/02
		23/00
		35/00
56	F 16 c	13/02
		33/00
		35/00
57	F 16 c	13/02
		35/00
58	F 16 c	19/00
		21/00
		29/00
		31/00
		31/12
		35/00
59	F 16 c	29/00
		31/00
		35/00
60	F 16 c	23/00
		35/00
61	F 16 c	11/00
		35/00
62	F 16 c	23/10
		35/00
63	F 16 c	9/06
		25/00
64	F 16 c	3/02
		25/00
65	F 16 c	25/00
66 – 71	F 16 c	25/00
72	F 16 c	9/06
		23/00
73	F 16 c	17/06
74, 75	F 16 c	13/00
76	F 16 c	1/24
		3/14
		3/16
		33/66
		33/72
		37/00
	F 16 n	1/00
77	F 16 c	1/24
		3/16
	F 16 n	1/00
78	F 16 c	1/24
		3/14
		9/00
		33/66
		33/72
	F 16 n	1/00
79	B 61 f	17/00
	F 16 c	1/24
		13/02
		33/66
	F 16 n	7/00
79.1, 81	B 61 f	17/00
	F 16 c	1/24
		13/02
		33/66
82	B 61 f	17/06
	F 16 c	1/24
		13/02
		33/66
83	B 61 f	17/00
	F 16 c	1/24
		13/02
		33/66
84	B 61 f	17/24
	F 16 c	1/24
		13/02
		33/66
85	B 61 f	17/00
	F 16 c	1/24
		13/02
		33/66
86	B 61 f	17/00
	F 16 c	1/24
		13/02
		33/66
87	B 61 f	17/06
	F 16 c	1/24
		13/02
		33/66
88	B 61 f	17/00
	F 16 c	1/24
		13/02
		33/66
89	B 61 f	17/06
	F 16 c	1/24
		13/02
		33/66
89.1	B 61 f	17/00
	F 16 c	1/24
		13/02
		33/66
90	B 61 f	17/14
	F 16 c	1/24
		13/02
		33/66
91	B 61 f	17/00
	F 16 c	1/24
		13/02
		33/66
92	B 61 f	17/00
	F 16 c	1/24
		3/08
		3/14
		13/02
		33/66
93	B 61 f	17/00
		17/24
	F 16 c	1/24
		3/08
		3/14
		13/02
		33/66
94 – 98	B 61 f	17/00
	F 16 c	1/24
		3/08
		3/14
		13/02
		33/66
99	F 16 c	1/24
		3/08
		3/14
		13/02
		33/72
100	B 61 f	17/00
	F 16 c	1/24
		3/08
		3/14
		13/02
		33/66
101	B 61 f	17/06
	F 16 c	1/24
		3/08
		3/14
		13/02
		33/66
102	B 61 f	3/14
		13/02
		17/00
		17/06
	F 16 c	1/24
		3/08
103	B 61 f	17/00
	F 16 c	1/24
		3/08
		3/14
		13/02
		33/66
104	B 61 f	17/06
	F 16 c	1/24
		3/08
		3/14
		13/02
		33/66
105	B 61 f	17/00
	F 16 c	1/24
		3/08
		3/15
		13/02
		33/66
106	B 61 f	17/22
	F 16 c	1/24
		13/02
		33/66
107	B 61 f	17/24
	F 16 c	1/24
		13/02
		33/66
108	B 61 f	17/22
	F 16 c	1/24
		13/02
		33/66
109	B 61 f	17/14
	F 16 c	1/24
		13/02
		33/66
110	B 61 f	17/22
	F 16 c	1/24
		13/02
		33/66
111	B 61 f	17/06
	F 16 c	1/24
		13/02
		33/66
112 – 119	B 61 f	17/22
	F 16 c	1/24
		13/02
		33/66
120 – 134.1	B 61 f	17/00
	F 16 c	1/24
		13/02
		33/66
135	F 16 c	17/04
		17/10
		19/04
		19/10
		19/14
		19/30
136 – 138	F 16 c	17/00
		19/00
		21/00
139	F 16 c	17/04
		17/10
		19/10
		19/30
		19/34
		27/08

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 308—Con.		
140–142	F 16 c	23/00
		23/04
		25/04
143	F 16 c	23/00
		23/04
		25/04
		27/00
144	F 16 c	23/00
		23/04
		25/04
145	F 16 c	23/00
		23/04
		25/04
		27/00
146–148	F 16 c	23/00
		23/04
		25/04
149–150	F 16 c	35/08
151	F 16 c	23/00
		35/08
152	F 16 c	35/00
153–155	F 16 c	35/08
156	F 16 c	17/06
		17/08
		19/10
		19/30
		35/08
157	F 16 c	19/12
		35/00
158	F 16 c	17/06
		17/08
		19/10
		19/30
159	F 16 c	17/06
		17/08
		19/10
		19/30
160	F 16 c	17/06
		17/08
161, 162	F 16 c	17/00
163	F 16 c	17/00
		19/32
164, 165	F 16 c	17/00
166	F 16 c	9/06
		23/00
167	F 16 c	3/06
		9/00
168	F 16 c	1/24
169	F 16 c	1/24
		35/08
170, 171	F 16 c	1/24
172	F 16 c	1/24
		19/12
173	F 16 c	19/00
		21/00
		33/00
174–176	F 16 c	19/04
		19/10
		19/14
		19/34
177	F 16 c	19/04
		19/24
		19/34
178	F 16 c	35/00
179, 179.5	F 16 c	3/06
		9/00
180	F 16 c	13/02
181	F 16 c	13/00
182	F 16 c	13/02
183	F 16 c	19/00
		21/00
		33/00
184	F 16 c	27/00
185, 186	F 16 c	19/00
		21/00
		33/00
187–187.2	F 16 c	1/24
		33/78
188	F 16 c	19/00
		21/00
		33/30
189	F 16 c	13/00
		33/00
		35/00
190–193	F 16 c	33/00
194	F 16 c	9/06
		23/08
		25/08
		33/00
195–198	F 16 c	13/00
		33/00
199, 200	F 16 c	19/20
		33/00
201	F 16 c	19/20
		33/38
202	F 16 c	19/00
		21/00
		23/06
		25/06
		27/04
		29/04
		31/00
203–205	F 16 c	13/00
		35/00
206	F 16 c	33/00
207	F 16 c	13/00
		33/00
		35/00
208	F 16 c	19/00
		35/00
209	F 16 c	19/20
		35/00
210	F 16 c	35/00
211	F 16 c	33/00
		35/00
212	F 16 c	13/00
		33/00
213, 214	F 16 c	33/00
215	F 16 c	19/00
		33/00
216	F 16 c	33/58
217	F 16 c	19/20
		33/46
218	F 16 c	33/00
219–226	F 16 c	19/00
227	F 16 c	19/04
		19/10
		19/14
		19/30
228	F 16 c	35/08
229–231	F 16 c	17/06
		17/08
		19/10
		19/30
232	F 16 c	17/10
		19/14
		19/34
233	F 16 c	19/00
		19/04
234	F 16 c	19/00
		19/22
235	F 16 c	33/38
		33/58
236	F 16 c	33/30
237	F 16 c	9/00
		11/00
		17/00
		19/00
		27/00
		33/00
238	F 16 c	27/00
		33/00
239	F 16 c	33/00
240	F 16 c	1/24
		3/14
		33/00
		33/66
241, 243	F 16 c	1/24
		33/00
244, 245	F 16 c	33/00

U.S. Class 310

Electrical generator or motor structure

(IPC H 02 k)

U.S. Subclass	IPC Subclass	IPC Notation
1	G 09 b	23/18
		25/02
	H 02 k	
2	H 02 n	
3	G 21 d	7/00
4	H 02 n	3/00
		7/00
5, 6	H 02 n	1/00
7	H 02 n	1/04
8–9.8	H 01 v	7/00
10	H 02 k	
11	G 21 d	7/02
	H 02 k	45/00
12–14	H 02 k	41/00
15	H 02 k	33/00
		35/00
16	H 02 k	9/00
		33/00
		35/00
17	H 02 k	7/00
		33/00
		35/00
18	H 02 k	7/14
		33/00
		35/00
19	H 02 k	7/00
		33/00
		35/00
20–24	H 02 k	7/06
		33/00
		35/00
25	H 02 k	33/00
		35/00
26	H 01 v	9/00
27–30	H 02 k	33/00
		35/00
31–34	H 02 k	33/10
		33/14
		35/00
35	H 02 k	33/14
		35/00
36	H 02 k	33/00
-		35/00
37	H 02 k	7/06
		33/00
		35/00
38	H 02 k	33/00
		35/00
39	H 02 k	33/10
		33/14
		35/00
40	H 02 k	
41	H 02 k	7/10
42	H 02 k	15/00
43	H 02 k	1/04
44, 45	H 02 k	15/12
46	H 02 k	37/00
47	H 02 k	7/14
		37/00
48, 49	H 02 k	37/00
50	H 02 k	7/14
51	H 02 k	5/24
52, 53	H 02 k	9/00
54	H 02 k	9/00
		9/20
55	H 02 k	9/00
56	H 02 k	9/26
57	H 02 k	9/08
58, 59	H 02 k	9/00
60	H 02 k	9/00
		9/06
61	H 02 k	1/32
		9/00
		9/06
62, 63	H 02 k	9/00
		9/06
64, 65	H 02 k	1/32
		3/24
		5/18
		5/20
		9/00
66, 67	H 02 k	7/00
		68/73
68–73	H 02 k	11/00
74	H 02 k	7/02
75–79	H 02 k	7/10
80–84	H 02 k	7/06
		7/10
85–88	H 02 k	5/10
		5/12
89	H 02 k	5/00
90	H 02 k	5/16

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 310—Con.		
		7/08
91	H 02 k	5/00
92–95	H 02 k	49/00
	H 02 p	15/00
96–100	H 02 k	7/10
		49/00
	H 02 p	15/00
101	H 02 k	49/00
	H 02 p	15/00
102	H 02 k	49/00
		51/00
	H 02 p	15/00
103	H 02 k	49/00
	H 02 p	15/00
104	H 02 k	5/10
		49/00
	H 02 p	15/00
105	H 02 k	49/02
	H 02 p	15/00
106–110	H 02 k	49/02
	H 02 p	15/00
111	H 02 k	39/00
112	H 02 k	7/20
		17/44
		19/38
		47/00
113	H 02 k	47/04
		47/14
		47/20
114	H 02 k	21/10
		23/60
115–124	H 02 k	23/60
125	H 02 k	
126	H 02 k	21/10
127	H 02 k	13/00
		23/36
		27/24
		47/28
128	H 02 k	13/00
		47/08
		47/16
		47/28
129, 130	H 02 k	13/00
		47/08
131–142	H 02 k	13/04
		23/50
		27/16
		27/24
143–147	H 02 k	13/02
148–150	H 02 k	13/00
151	H 02 k	13/00
152	H 02 k	21/00
		23/04
153	H 02 k	21/22
154	H 02 k	21/26
		21/38
		23/04
155	H 02 k	21/38
156	H 02 k	21/12
157	H 02 k	
158	H 02 k	23/64
159	H 02 k	17/00
		19/00
		21/00
		27/00
		29/04
		33/04
		39/00
		47/00
		49/00
160	H 02 k	47/18
		47/22
161	H 02 k	47/18
		47/30
162	H 02 k	19/00
		21/00
163, 164	H 02 k	19/00
		21/04
165	H 02 k	19/12
		19/26
166	H 02 k	17/00
167	H 02 k	17/00
		27/10
168–170	H 02 k	17/42
		19/20
		19/24
171	H 02 k	17/42
		19/20
		19/24
172	H 02 k	17/10
173	H 02 k	27/00
174, 175	H 02 k	27/04
176	H 02 k	27/06
		27/10
177	H 02 k	23/00
		31/00
178	H 02 k	31/00
179	H 02 k	1/00
		3/00
180–182	H 02 k	1/00
		3/00
		19/26
		21/00
		23/02
183	H 02 k	1/10
		3/16
		3/20
		19/26
		21/00
		23/02
184, 185	H 02 k	1/00
		3/00
		19/26
		21/00
		23/02
186	H 02 k	1/10
		3/16
		3/20
		17/28
		19/26
		21/00
		23/20
		23/22
187	H 02 k	1/00
		3/00
		19/26
		21/00
		23/42
188, 189	H 02 k	1/00
		3/00
		19/26
		21/00
		23/02
190	H 02 k	1/00
		3/00
		19/26
		21/00
		23/46
191–194	H 02 k	1/00
		3/00
		19/26
		21/00
		23/40
195	H 02 k	1/00
		3/00
		17/00
		19/00
		21/00
		23/26
		27/02
196	H 02 k	1/00
		3/40
		17/00
		19/00
		21/00
		23/26
		27/02
197	H 02 k	1/00
		3/03
		17/16
		19/00
		21/00
		23/26
		27/06
198, 199	H 02 k	1/00
		3/00
		17/00
		19/00
		21/00
		23/26
		27/02
200	H 02 k	3/00
		17/00
		19/00
		21/00
201	H 02 k	3/04
		17/00
		19/00
		21/00
		23/26
		27/02
202	H 02 k	3/04
		17/00
		19/00
		21/00
		23/28
		27/02
203	H 02 k	3/04
		17/00
		19/00
		21/00
		23/26
		27/02
204	H 02 k	3/04
		3/38
		17/00
		19/00
		21/00
		23/28
		27/02
205	H 02 k	3/04
		17/00
		19/00
		21/00
		23/30
		27/02
206	H 02 k	3/04
		17/00
		19/00
		21/00
		23/32
		27/02
207, 208	H 02 k	3/04
		17/00
		19/00
		21/00
		23/26
		27/02
209	H 02 k	1/06
		17/00
		19/00
		21/00
		23/44
		27/02
210	H 02 k	3/04
		17/16
		17/22
		19/14
		21/00
		23/20
		27/06
211	H 02 k	3/06
		17/16
		17/22
		19/14
212	H 02 k	3/08
		3/10
		17/18
		17/20
213	H 02 k	3/14
		3/20
214	H 02 k	3/48
215	H 02 k	3/36
216	H 02 k	1/00
217	H 02 k	1/06
218	H 02 k	1/18
		1/28
219	H 01 r	39/00
	H 02 k	13/00
220–222	H 01 r	39/46
	H 02 k	13/06
		13/10
		13/14
223	H 01 r	39/52
	H 02 k	1/10
		3/16
		3/20
		23/22
		23/24
		27/22

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 310—Con.		
224	H 01 r	39/04
	H 02 k	1/10
		3/16
		3/20
		13/14
		23/22
		23/24
		27/22
225	H 01 r	39/04
		39/52
	H 02 k	1/10
		3/16
		3/20
		13/14
		23/22
		23/24
		27/22
226	H 01 r	39/52
	H 02 k	3/16
		3/20
		13/14
		14/14
		23/22
		23/24
		27/22
		39/32
227	H 02 k	9/28
		39/00
228	H 01 r	39/56
	H 02 k	13/00
229	H 01 r	39/44
	H 02 k	13/12
230	H 01 r	39/44
	H 02 k	13/00
		23/18
231	H 01 r	
	H 02 k	13/00
232	H 01 r	39/08
	H 02 k	
233	H 02 k	
234	H 02 k	
235	H 01 r	39/16
		39/52
	H 02 k	
236	H 01 r	39/04
	H 02 k	13/04
237	H 01 r	39/06
	H 02 k	13/04
238, 239	H 01 r	39/38
	H 02 k	13/00
240	H 01 r	39/42
	H 02 k	13/00
241	H 01 r	39/44
	H 02 k	13/00
242	H 01 r	39/38
	H 02 k	13/00
243	H 01 r	39/38
		39/42
		39/44
	H 02 k	13/00
244	H 01 r	39/38
	H 02 k	13/00
245 – 247	H 01 r	39/40
	H 02 k	13/00
248	H 01 r	39/18
	H 02 k	13/00
249	H 01 r	39/36
	H 02 k	13/00
251	H 01 r	39/24
	H 02 k	13/00
252	H 01 r	39/20
	H 02 k	13/00
253	H 01 r	39/26
	H 02 k	13/00
254 – 259	H 02 k	1/12
260	H 02 k	3/46
261 – 268	H 02 k	1/22
269	H 02 k	1/24
270	H 02 k	3/46
271	H 02 k	3/48
272	H 02 k	1/00
		3/00
273	H 02 k	

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 312		
Supports, cabinet structures		
(IPC A 47 b)		
1	A 61 g	11/00
3 – 6	E 04 h	1/12
		1/14
7	A 47 b	81/06
	H 05 k	5/00
8 – 19	A 47 b	81/06
	A 47 f	1/04
	G 11 b	1/00
20	A 47 b	81/00
	G 03 b	17/56
		21/54
21 – 30	A 47 b	81/00
31 – 31.3	A 24 f	25/00
	A 47 b	81/00
	B 01 f	3/06
33	A 47 g	33/00
35, 36	A 47 f	1/00
		3/02
	B 65 b	59/00
	B 65 g	1/04
		69/00
	F 25 d	
	G 07 f	
37	B 65 h	19/00
		49/00
38 – 41	B 65 h	19/00
42, 43	A 47 f	1/00
		3/02
	B 65 d	83/08
	B 65 g	1/16
		59/00
45, 49	A 47 f	1/00
		3/02
	B 65 d	83/04
	B 65 g	1/16
		57/20
		59/00
50, 59	A 47 f	1/00
	B 65 h	1/00
60, 61	A 47 f	1/00
	B 65 g	11/00
	B 65 h	1/00
71	A 47 f	1/00
	B 65 g	1/16
		11/00
72, 73	A 47 f	1/00
	B 65 d	83/02
		83/04
	B 65 g	57/20
		59/00
86	B 65 g	59/00
	C 06 f	5/00
91	A 47 f	1/00
	B 65 g	15/00
		17/00
		19/00
97, 97.1	A 47 f	1/00
	B 65 g	15/00
		17/00
		19/00
100, 101	A 47 b	81/00
102	A 47 b	81/00
	A 47 f	3/00
107	A 47 b	77/00
		87/00
107.5	A 47 b	87/00
108	A 47 b	87/00
109, 110	E 06 b	
111	F 16 b	12/00
114, 115	A 47 f	3/00
116	A 47 f	3/04
	F 25 d	11/00
117	A 47 f	3/00
118 – 121	A 47 f	3/14
122 – 124	A 47 f	3/00
125	A 47 f	3/10
126, 127	A 47 f	3/14
128 – 133	A 47 f	3/06
134	A 47 f	3/08
135	A 47 f	3/10
136	A 47 f	3/06
137	A 47 f	9/00

U.S. Subclass	IPC Subclass	IPC Notation
138, 139	A 47 f	3/00
	E 06 b	
140	A 47 f	3/00
	F 16 b	12/00
140.1 – 140.4	A 47 b	96/18
	A 47 f	9/00
183	A 47 b	63/00
		97/02
	B 42 f	17/00
184	A 47 b	63/00
	B 42 f	15/00
		17/00
185 – 187	A 47 b	63/00
	B 42 f	9/00
		17/00
188	A 47 b	63/00
	B 42 f	17/00
189	A 47 b	63/00
	B 42 f	13/00
		17/00
190 – 192	A 47 b	63/00
	B 42 f	17/00
193	A 47 b	63/00
	B 42 f	7/00
		17/00
194 – 197	A 47 b	17/00
		19/00
		27/00
		41/00
198 – 202	A 47 b	53/00
		77/00
		87/00
		95/00
203	A 47 b	53/00
		77/00
		83/04
		95/00
204	A 47 b	17/04
		97/00
205	A 47 b	45/00
		53/00
206, 207	A 46 b	17/00
	A 47 g	29/08
208	A 47 b	21/00
209	A 47 b	81/00
	A 61 b	19/02
	A 61 c	19/02
	B 01 l	9/02
210	A 47 b	81/00
210.5	A 47 b	
	A 47 j	43/22
211, 212	A 47 b	81/00
	A 47 g	29/14
	B 65 d	91/00
213	A 47 b	75/00
		81/00
		97/00
214	A 47 b	81/00
	F 25 d	11/00
215	E 05 b	
216, 217	E 05 b	65/46
	E 05 c	15/04
218	E 05 b	65/46
	E 05 c	13/04
219	E 05 b	65/46
220 – 222	E 05 c	7/06
223	A 47 b	77/08
		81/00
224 – 227	A 47 b	67/00
	A 47 g	1/00
	G 02 b	5/08
228	A 47 b	77/06
	A 47 k	1/04
	A 47 l	19/02
	E 03 c	1/18
229	A 47 b	77/06
	A 47 f	9/00
230	A 47 b	97/04
231, 232	A 47 b	27/00
		63/04
233	A 47 b	41/06
		63/00
		65/00
234 – 234.5	A 47 b	81/00
	B 42 f	21/00
235	A 47 b	83/00
236	A 47 b	77/08

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 312—Con.		
	A 47 f	3/04
237	A 47 b	83/00
238, 239	A 47 b	81/00
		97/00
240, 241	A 47 b	85/00
242	A 47 b	67/02
243	A 47 b	89/00
		91/00
		95/00
244	A 47 b	95/02
245 – 248	A 47 b	67/02
	A 47 f	5/08
249 – 251	A 47 b	91/00
252	A 47 b	49/00
253 – 256	A 47 b	91/00
		95/00
257	A 47 b	43/00
		47/00
258 – 262	A 47 b	43/00
		47/00
263 – 265	A 47 b	47/00
266 – 269	A 47 b	49/00
		77/16
	A 47 f	5/00
		30/08
270	A 47 b	51/00
271 – 276	A 47 b	81/00
		97/00
277	A 47 b	83/00
278 – 281	A 47 b	81/00
		97/00
282	A 47 b	77/10
283	A 47 b	81/00
		97/00
284	A 47 b	81/00
		97/00
	A 47 g	19/26
		19/32
		23/00
285 – 290	A 47 b	81/00
291, 292	A 47 b	81/00
		97/00
293	A 47 b	77/18
		81/00
		97/00
	A 47 f	3/06
294	A 47 b	
295	A 47 b	88/00
296	A 47 b	95/00
		96/00
297	E 06 b	9/14
298, 299	E 04 b	
300 – 303	A 47 b	88/00
		95/00
304	A 47 b	88/00
305	A 47 b	88/00
		95/00
306	A 47 b	57/00
		88/00
		95/00
307	A 47 b	88/00
		95/00
308 – 311	A 47 b	88/00
312	A 47 b	51/00
		57/00
		88/00
313 – 316	A 47 b	77/10
		88/00
317	A 47 b	88/00
318, 319	A 47 b	88/00
		95/00
320	A 47 b	88/00
		95/02
321	A 47 b	88/00
		95/00
322 – 324	A 47 b	88/00
325	A 47 b	88/00
		95/00
326	A 47 b	49/00
		88/00
327 – 330	A 47 b	88/00
331 – 351	A 47 b	88/00
		95/00
352	A 47 b	97/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 313		
Electric lamp and discharge devices		
(IPC H 01 k)		
1	H 01 j	
	H 01 k	
2	H 01 j	31/00
		35/00
3	H 01 j	
	H 01 k	
5	H 01 j	13/00
		17/00
		21/00
6	H 01 j	13/00
		17/00
		21/00
7	H 01 j	7/16
8	H 01 j	61/96
9	H 01 j	1/20
10	H 01 j	7/24
11	H 01 j	1/02
		7/24
		61/52
	H 01 k	1/58
11.5	F 23 q	3/64
		3/66
12 – 14	H 01 j	1/02
		7/24
		61/52
	H 01 k	1/58
15	H 01 j	1/02
		7/24
16	H 01 j	1/10
		61/52
17 – 28	H 01 j	1/02
		7/24
		61/52
	H 01 k	1/58
29	H 01 j	1/02
30 – 34	H 01 j	1/02
		7/24
		61/52
	H 01 k	1/58
35 – 36	H 01 j	7/26
		61/52
	H 01 k	1/58
37 – 41	H 01 j	1/02
		61/52
	H 01 k	1/58
42 – 46	H 01 j	1/02
		7/24
		61/52
	H 01 k	1/58
47	H 01 j	1/02
		7/24
		61/52
48	H 01 j	5/48
49 – 51	H 01 j	5/48
		5/50
52	H 01 j	
	H 01 k	
53	H 01 j	27/00
54	H 01 j	7/40
		17/32
		65/08
55 – 59	H 01 j	35/00
60	H 01 j	35/04
61	H 05 h	
	H 05 j	39/32
62 – 63	H 05 h	
64	H 01 j	29/00
		31/00
65 – 67	H 01 j	31/26
68	H 01 j	31/48
69	H 01 j	29/46
		31/00
70	H 01 j	29/50
71	H 01 j	29/04
		29/48
72 – 73	H 01 j	31/02
74	H 01 j	33/00
75 – 77	H 01 j	29/70
78	H 01 j	29/74
79	H 01 j	29/76
80	H 01 j	29/74
81, 82	H 01 j	29/00

U.S. Subclass	IPC Subclass	IPC Notation
81 – 82	H 01 j	31/00
83 – 86	H 01 j	29/46
87	H 01 j	29/52
89	H 01 j	29/10
90	H 01 j	29/16
91	H 01 j	29/12
92	H 01 j	29/18
93	H 01 j	39/26
94	H 01 j	39/00
95	H 01 j	39/14
96 – 99	H 01 j	39/00
100	H 01 j	39/08
101 – 102	H 01 j	39/00
103 – 105	H 01 j	43/00
106 – 107	H 01 j	43/00
107.5	H 01 j	31/14
108 – 109	H 01 j	1/62
		63/04
109.5	H 01 j	7/42
	H 01 k	1/60
110 – 117	H 01 j	5/16
		61/40
	H 01 k	1/26
		1/30
118 – 119	H 01 t	13/00
120	F 02 p	13/02
	H 01 t	13/02
121	H 01 t	13/56
122	H 01 t	13/24
123 – 124	H 01 t	13/46
125 – 126	H 01 t	13/14
		13/24
127	H 01 t	13/02
		13/14
128	H 01 t	13/22
129	H 01 t	13/48
130 – 132	H 01 t	13/02
133	H 01 t	13/28
134	H 01 t	13/02
135	H 01 t	13/04
136 – 143	H 01 t	13/20
144 – 145	H 01 t	13/22
		13/34
		13/36
146 – 152	H 01 j	1/02
		1/44
		1/52
		1/88
		21/22
		35/28
153 – 162	H 01 j	1/50
		3/20
		3/32
		23/10
		29/76
163 – 167	H 01 j	13/00
168, 169	H 01 j	13/56
170, 171	H 01 j	13/34
172	H 01 j	13/00
173	H 01 j	13/12
174 – 181	H 01 j	19/68
		19/70
		61/24
174 – 191	H 01 k	1/52
182	H 01 j	17/00
	H 01 k	1/00
	H 05 b	33/00
183 – 187	H 01 j	17/20
		61/12
	H 01 k	1/50
188	H 01 j	17/00
		61/00
189	H 01 j	15/00
		61/62
190 – 200	H 01 j	17/00
		61/00
201	H 01 j	11/00
		65/00
202 – 207	H 01 j	17/04
		61/04
208	H 01 j	17/30
		61/54
209	H 01 j	17/04
		61/04
210	H 01 j	17/00
		61/00
211 – 219	H 01 j	17/04

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 313—Con.		
		61/06
220–221	H 01 j	17/16
		61/30
	H 01 k	1/28
222	H 01 k	
223	H 01 j	17/20
		61/12
	H 01 k	1/50
224	H 01 j	17/20
		61/16
	H 01 k	1/50
225	H 01 j	17/20
		61/12
	H 01 k	1/50
226	H 01 j	17/20
		61/16
	H 01 k	1/50
227–229	H 01 j	17/20
		61/18
	H 01 k	1/50
230	H 01 j	27/00
231	H 01 j	17/26
		61/28
232	H 01 j	7/00
233	H 01 j	21/00
234	H 01 j	11/00
		65/00
235	H 01 j	1/00
236	H 01 j	1/00
		9/02
237	H 01 j	1/00
238	H 01 j	1/00
		19/00
	H 01 k	
239	H 01 j	1/52
240–241	H 01 j	1/53
242	H 01 j	1/52
243–268	H 01 j	1/88
		19/42
269	H 01 j	1/18
		19/12
270	H 01 j	1/94
		19/48
271–273	H 01 j	1/88
		19/42
	H 01 k	1/18
274	H 01 j	1/96
		19/50
	H 01 k	1/18
275–277	H 01 j	1/90
		19/44
	H 01 k	1/18
278–279	H 01 j	1/94
		19/48
	H 01 k	1/18
281	H 01 j	1/88
		19/42
	H 01 k	1/18
282–290	H 01 j	1/96
		19/50
	H 01 k	1/18
291	H 01 j	1/88
		19/42
292	H 01 j	1/88
		19/42
	H 01 k	1/18
293–304	H 01 j	1/46
		21/10
305	H 01 j	1/20
		1/42
		13/18
		19/14
	H 01 k	11/00
306–308	H 01 j	1/46
		21/10
309	H 01 j	1/02
310	H 01 j	
311	H 01 j	1/05
		1/14
		1/38
		1/48
		19/06
312	H 01 j	5/02
		19/54
313	H 01 j	1/52
		19/40
314	H 01 j	7/00
315–316	H 01 k	
317	H 01 j	5/00
318	H 01 j	5/48
		5/50
323	H 01 j	
324	H 01 j	5/02
		19/42
325	H 01 j	17/00
		21/00
326	H 01 j	1/00
	H 01 k	1/02
327	H 01 j	1/02
328	H 01 j	1/06
329	H 01 j	1/53
		29/08
		31/26
		31/58
330	H 01 j	35/08
331–335	H 01 j	5/50
336	H 01 j	1/16
		19/10
337–339	H 01 j	1/20
		19/14
340	H 01 j	1/24
		19/18
341–343	H 01 j	1/15
		19/08
	H 01 k	1/02
344	H 01 j	1/16
		19/10
	H 01 k	1/14
345–346	H 01 j	1/14
		19/06
	H 01 k	1/04
347	H 01 j	1/20
		19/14
348–350	H 01 j	1/46
		1/52
		17/04
		17/12
		19/38
		19/40
		21/10
351	H 01 j	1/02
352–355	H 01 j	1/02
		1/14
		1/38
		1/48
		13/08
		19/06
		19/30
	H 01 k	1/04
356–357	H 01 j	1/00
		17/04
		19/00
358	H 01 j	
	H 01 k	

U.S. Class 314

Electric lamp and discharge devices, comsumable electrodes

(IPC H 05 b)

1–6	H 05 b	41/46
7–8	H 05 b	41/14
9	H 05 b	31/34
10–19	H 05 b	41/14
20	H 05 b	31/26
		31/28
21–25	H 05 b	31/02
26–30	H 05 b	31/24
31–33	H 05 b	41/14
34–35	H 05 b	31/06
36–38	H 05 b	31/48
39–43	H 05 b	31/18
44	H 05 b	31/06
45–50	H 05 b	31/40
		31/44
51–66	H 05 b	31/18
67	H 05 b	31/22
68–77	H 05 b	31/18
78	H 05 b	31/22
79–104	H 05 b	31/18
105–111	H 05 b	31/22
112	H 05 b	31/18
113–128	H 05 b	31/22
129	H 05 b	31/02
130	H 05 b	31/18
131	H 05 b	31/30
		31/32
132–134	H 05 b	31/18
135	G 05 f	1/02
136	G 05 b	31/00

U.S. Class 315

Electric lamp and discharge devices, systems

(IPC H 01 j)

1	H 01 j	23/34
		29/98
3	H 01 j	23/16
		29/96
3.5, 3.6	H 01 j	25/34
4	H 01 j	25/00
5, 5.11, 5.12	H 01 j	25/02
5.13	H 01 j	25/50
5.14–5.17	H 01 j	25/02
5.18, 5.19	H 01 j	25/22
5.21–5.28	H 01 j	25/22
5.29	H 01 j	25/12
		25/16
5.31	H 01 j	25/14
5.32	H 01 j	25/18
5.33	H 01 j	25/02
5.34, 5.35	H 01 j	23/08
5.36, 5.37	H 01 j	23/18
5.38	H 01 j	23/02
5.39–5.49	H 01 j	25/10
5.51–5.54	H 01 j	23/20
7	H 01 j	25/00
8	H 01 j	29/06
8.5	H 01 j	31/06
		31/58
8.6	H 01 j	31/60
9	H 01 j	29/98
10	H 01 j	31/26
11	H 01 j	31/48
12	H 01 j	29/41
13	H 01 j	29/50
		31/00
14–16	H 01 j	29/46
		29/56
17	H 01 j	29/70
18–29	H 01 j	29/70
30	H 01 j	29/52
31	H 01 j	29/56
32–33	H 01 j	7/44
		13/46
		17/34
		19/78
		23/16
		29/96
	H 01 k	1/62
34	H 01 q	1/26
35–38	H 01 j	7/44
		13/46
		17/34
		19/78
		23/16
		29/96
	H 01 k	1/62
39	H 01 j	7/46
		19/80
39.3	H 01 j	25/34
39.51–39.55	H 01 j	25/50
39.57–39.63	H 01 j	25/50
39.65	H 01 j	25/58
39.67	H 01 j	25/50
39.69	H 01 j	23/22
39.71–39.73	H 01 j	25/50
39.75	H 01 j	25/58
39.77	H 01 j	25/50
40–75	H 01 j	7/44
		13/46
		17/34
		19/78

U.S. Class 315—Con.

U.S. Subclass	IPC Subclass	IPC Notation
		23/16
		29/96
	H 01 k	1/62
76	H 01 k	7/00
77	B 60 q	
78 – 80	B 60 q	1/26
81	B 60 q	1/34
82 – 83	B 60 q	1/02
84	B 60 q	7/00
84.5	H 01 j	17/36
	H 03 k	23/18
		23/38
84.6	H 01 j	17/36
	H 03 k	23/18
		23/38
85	H 01 j	1/52
		5/02
86	H 05 b	37/00
		41/14
87 – 93	H 05 b	39/10
		41/46
94 – 99	H 05 b	39/00
		41/14
100	H 05 b	39/04
		41/36
101 – 103	H 05 b	39/00
		41/14
104	H 05 b	39/04
		41/36
105	H 05 b	39/00
		41/14
106	H 05 b	39/04
		41/36
107	H 05 b	39/04
		41/36
108 – 110	H 01 j	13/28
		17/22
111	H 01 j	7/24
	H 05 b	31/26
112 – 114	H 01 j	7/24
		13/32
		17/28
		19/74
		61/52
115 – 116	H 01 j	7/24
		13/32
		61/52
117	H 01 j	7/24
		13/32
		17/28
		19/74
		61/52
118	H 01 j	7/24
		13/32
		17/28
		19/74
		61/52
119 – 128	H 05 b	37/00
		41/00
129 – 136	H 01 j	1/60
		7/42
	H 05 b	37/04
137 – 148	H 05 b	41/16
		41/24
149 – 159	H 05 b	37/02
		39/04
		41/36
160 – 177	H 05 b	37/00
		39/00
		41/00
178 – 183	H 05 b	35/00
		37/00
		39/00
		41/00
184 – 193	H 05 b	37/00
		39/00
		41/00
194 – 199	G 05 f	1/00
	H 05 b	37/02
		39/04
		41/36
200 – 208	H 05 b	37/00
		39/00
		41/14
209 – 226	H 05 b	37/02
		39/04
		41/36
227 – 245	H 05 b	37/00
		39/00
		41/14
246 – 287	H 05 b	41/16
		41/24
288 – 290	H 05 b	37/00
		39/00
		41/14
291 – 311	G 05 f	1/00
	H 05 b	37/02
		39/04
		41/36
312 – 325	H 05 b	37/00
		39/00
		41/00
326 – 358	H 01 j	11/04
		13/48
		15/04
		17/36
	H 05 b	37/00
		39/00
		41/00
359	H 01 k	13/00
	H 05 b	39/00
360 – 361	H 05 b	37/02
		39/04
		41/36
362	H 05 b	37/02
		39/06
		41/04
		41/18
363	H 05 b	37/00
		39/00
		41/00

U.S. Class 316

Oelectric lamp and discharge

(IPC H 01 j)

U.S. Subclass	IPC Subclass	IPC Notation
1	H 01 j	9/00
2	H 01 j	9/50
3	H 01 j	9/38
		17/36
4	H 01 j	9/18
		9/38
5, 6	H 01 j	9/22
		9/38
7	H 01 j	9/20
		9/22
		9/38
8	H 01 j	9/22
		9/38
9	H 01 j	5/08
		5/10
		9/20
		9/22
10 – 12	H 01 j	9/38
13	H 01 j	9/38
		9/42
14 – 16	H 01 j	9/38
17	H 01 j	9/00
18	H 01 j	9/38
19	H 01 j	9/18
20	H 01 j	9/38
21	H 01 j	9/38
		17/26
22	H 01 j	7/16
23	H 01 j	9/42
		9/44
24	H 01 j	9/38
25	H 01 j	7/18
		17/26
26	H 01 j	9/00
27	H 01 j	9/06
		9/10
		9/16
		9/46
28	H 01 j	9/50
29	H 01 j	9/42
		9/44
30	H 01 j	7/20
		9/38
31, 32	H 01 j	9/46
		9/48

U.S. Class 317

Electricity

(IPC H 01)

U.S. Subclass	IPC Subclass	IPC Notation
2	H 05 f	3/00
3 – 4	H 05 b	
5 – 8	H 02 p	
9 – 11	H 02 h	3/00
		7/00
12	H 02 h	7/16
13	H 02 h	7/06
		7/08
		7/10
14 – 15	H 02 h	7/14
16	H 02 h	3/00
		7/00
17 – 18	H 02 h	1/02
19	H 02 h	3/00
		7/00
20 – 21	H 02 h	9/00
22 – 25	H 02 h	5/00
26	H 02 h	3/00
		7/00
27 – 28	H 02 h	3/28
		7/26
29 – 30	H 02 h	3/28
		7/26
31 – 32	H 02 h	3/28
33	H 02 h	7/00
35	H 02 h	3/00
		5/00
36 – 38	H 02 h	1/04
		3/00
		5/00
39	H 02 h	1/04
		3/18
		5/00
40 – 42	H 02 h	5/04
43	H 02 h	3/18
44 – 45	H 02 h	7/00
46 – 47	H 02 h	3/00
48	H 02 h	3/26
49	H 02 h	1/04
50	H 02 h	3/22
51	H 02 h	7/20
52	H 02 h	1/00
		7/10
53 – 60	H 02 h	1/00
61 – 61.5	H 02 h	1/00
		1/04
		3/22
62 – 78	H 02 h	1/00
79	F 23 q	3/00
	G 01 v	1/06
	H 01 t	
80	F 23 q	7/02
81	H 01 t	13/40
82	H 01 t	13/02
83 – 85	F 23 q	7/02
		7/06
86	F 23 q	5/00
87	F 23 q	7/00
88	F 23 q	7/08
89	F 23 q	7/08
		7/14
90	F 23 q	5/00
		7/08
91	F 23 q	7/00
		7/08
92	F 23 q	3/00
93	F 23 q	3/00
		5/00
94	F 23 q	3/00
		7/00
95	F 23 q	3/01
		7/14
96	F 23 q	3/00
		5/00
97	F 23 q	5/00
98	F 23 q	7/00
99	H 02 b	
100	H 02 b	1/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 317—Con.		
101	H 02 b	1/04
		9/00
102	H 02 b	1/04
103	H 02 b	1/20
		11/06
104	H 02 b	9/00
		11/10
105	H 02 b	1/14
		9/00
		11/10
106–111	H 02 b	9/00
		11/10
112–115	H 02 b	1/04
116	H 02 b	9/00
117	H 02 b	1/06
		1/08
118	H 02 b	1/06
119	H 02 b	1/02
		11/00
120–121	H 02 b	1/08
122	H 02 b	9/00
123	H 01 h	47/00
124–130	H 01 h	47/24
131	H 01 h	47/26
132–133.5	H 01 h	47/26
		50/12
134–137	H 01 h	47/00
138	H 01 h	47/20
139–140	H 01 h	47/14
141–142	H 01 h	47/18
143	H 01 h	47/00
		55/00
144	H 01 h	47/00
		59/00
146	H 01 h	47/12
147	H 01 h	47/20
		51/32
148	H 01 h	47/34
148.5	H 01 h	47/32
149	H 01 h	47/28
150	H 01 h	47/00
		51/22
151–152	H 01 h	47/00
153	H 01 h	47/36
154–155	H 01 h	47/04
155.5	H 01 h	47/00
156	H 01 h	47/00
		51/30
157	H 01 h	9/00
		47/00
157.5	H 01 f	13/00
	H 01 h	47/00
157.6–157.62	H 01 h	9/28
		27/00
		47/00
		63/00
230–231	H 01 g	9/00
232	H 01 g	9/18
233	H 01 g	9/16
234	H 01 l	3/00
		5/00
235	H 01 l	11/00
		15/00
236	H 01 l	5/04
237–238	H 01 l	3/00
239–240	H 01 l	3/12
241	H 01 l	3/02
242	H 01 g	
243	H 01 g	1/08
244	H 01 g	3/02
		5/02
245	H 01 g	5/02
246	H 01 g	7/00
247–248	H 01 g	7/04
249	H 01 g	5/00
250–255	H 01 g	5/01
256–257	H 01 g	
258–261	H 01 g	1/00
262	H 01 g	
	H 01 h	
	H 02 b	
	H 02 h	
	H 05 f	

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 318		
Electricity, motive power systems (IPC H 02 p)		
1,2	H 02 k	7/00
	H 02 p	
3,4	H 02 k	7/14
	H 02 p	
5	H 02 k	7/14
	H 02 p	1/54
		5/46
		7/68
		7/74
6	B 65 h	59/38
		77/00
	H 02 p	
7	B 65 h	59/38
		77/00
	H 02 p	1/54
		5/46
		7/68
		7/74
8	H 02 k	7/14
	H 02 p	1/54
		5/46
		7/68
		7/74
9–13	H 02 k	7/10
	H 02 p	
14	H 02 k	7/06
	H 02 p	
15	H 02 k	7/10
	H 02 p	
16	H 02 p	
	H 04 q	7/02
		9/00
17	H 02 k	7/14
	H 02 p	
18	G 05 b	
	H 02 p	1/54
		5/46
		7/68
		7/74
19	G 05 b	
	H 02 k	33/00
19.70	H 02 k	17/24
21	G 05 b	
	H 02 k	41/00
22–27	G 05 b	
	H 02 p	1/46
		5/28
		7/36
28	G 05 b	11/00
	H 02 p	
29	G 05 b	11/00
	H 02 p	1/46
		5/28
		7/36
30–33	G 05 b	
	H 02 p	
34	H 02 p	1/54
		5/46
		7/68
		7/74
		7/80
35, 37	H 02 k	33/00
	H 02 p	1/54
		5/46
		7/68
		7/74
		7/80
38	H 02 k	41/00
	H 02 p	1/54
		5/46
		7/68
		7/74
		7/80
39	B 23 q	5/10
		5/28
40	H 02 k	7/12
	H 02 p	7/68
		7/74
41, 42	H 02 p	1/54
		5/46
		7/68
		7/74

U.S. Subclass	IPC Subclass	IPC Notation
		7/80
43	H 02 p	1/54
		5/46
		7/68
		7/74
44	H 02 p	1/54
		5/46
		7/74
45, 46	H 02 k	17/34
	H 02 p	1/54
		5/46
		7/68
		7/74
		7/80
47	H 02 k	17/36
	H 02 p	1/54
		5/46
		7/68
		7/78
		7/80
48	H 02 k	17/34
	H 02 p	1/54
		5/46
		7/68
		7/74
		7/80
49, 50	H 02 k	17/34
	H 02 p	7/70
		7/78
		7/80
51	H 02 p	1/54
		5/46
		7/68
		7/74
		7/80
52	B 61 c	15/08
		15/12
	H 02 p	5/46
		7/68
		7/74
		7/80
53–65	H 02 p	1/54
		3/00
		5/46
		7/68
		7/74
		7/80
66, 67	H 02 p	5/46
		7/08
		7/68
		7/74
		7/80
68, 69	H 02 p	5/46
70–75	H 02 p	5/50
76	H 02 p	5/48
77, 78	H 02 p	5/46
79	H 02 p	5/06
		5/28
		5/46
80	H 02 p	5/06
		5/46
		7/74
81	H 02 p	5/06
		5/28
		5/46
82, 83	H 02 p	5/06
		5/28
		5/46
		7/06
		7/36
		7/68
		7/74
		7/80
84	H 02 p	5/06
		5/28
		5/46
		7/10
		7/36
		7/68
		7/74
		7/80
85	H 02 p	5/46
		7/68
		7/74
		7/80
86–89	H 02 p	3/00
		5/46

U.S. Class 318—Con.

U.S. Subclass	IPC Subclass	IPC Notation
		7/68
		7/74
		7/80
90	H 02 p	1/54
		5/46
		7/68
		7/74
		7/80
91	H 02 p	1/58
		5/46
		7/68
		7/74
		7/80
92 – 100	H 02 p	1/54
		5/46
		7/68
		7/74
		7/80
101	H 02 p	1/54
102	H 02 p	1/58
103, 104	H 02 p	1/54
105 – 113	H 02 p	1/54
		5/46
		7/68
		7/74
		7/80
114	H 02 k	33/00
	H 02 p	1/00
		3/00
		5/00
		7/00
115	H 02 k	7/06
	H 02 p	1/00
		3/00
		5/00
		7/00
116	H 02 n	
117	H 02 n	3/00
		5/00
		7/00
118	H 01 v	9/00
119	H 02 k	33/00
	H 02 p	1/00
		3/00
		5/00
		7/00
120	H 02 k	
	H 02 p	1/00
		3/00
		5/00
		7/00
121	H 02 k	33/00
		41/00
	H 02 p	1/00
		3/00
		5/00
		7/00
122 – 125	H 02 k	33/12
	H 02 p	1/00
		3/00
		5/00
		7/00
126 – 134	H 02 k	33/00
	H 02 p	1/00
		3/00
		5/00
		7/00
135	H 02 k	41/00
	H 02 p	1/00
		3/00
		5/00
		7/00
136, 137	H 02 k	7/10
		7/20
	H 02 p	1/00
138	H 02 k	29/00
	H 02 p	1/00
		3/00
		5/00
		7/00
139	H 02 p	1/00
		3/00
		5/00
140	H 02 p	5/20
		5/22
		7/16
		7/32
		7/34
		7/66
141 – 147	H 02 p	5/20
		5/22
148	H 02 p	7/66
149	H 02 p	5/20
		5/22
		7/16
		7/32
		7/34
		7/66
150	H 02 k	7/02
	H 02 p	5/20
		5/22
		7/16
		7/32
		7/34
		7/66
151 – 153	H 02 p	5/20
		5/22
		7/16
		7/32
		7/34
		7/66
154	H 02 p	5/26
		7/16
		7/32
		7/34
		7/66
156 – 158	H 02 p	5/20
		5/22
		7/16
		7/32
		7/34
		7/66
159, 160	H 02 k	7/10
		17/32
		23/68
		27/30
161	H 02 k	7/02
162 – 164	B 23 q	35/00
		35/14
	G 05 b	19/02
	H 02 p	7/18
		7/38
		7/52
165	H 02 k	19/02
		21/00
	H 02 p	1/46
		3/18
		5/28
		7/36
166	H 02 k	19/06
		19/08
	H 02 p	1/46
		3/18
		5/28
		7/36
167, 168	H 02 k	19/02
		21/00
	H 02 p	1/46
		3/18
		5/28
		7/36
169	H 02 k	19/02
		21/00
	H 02 p	3/18
170	H 02 h	7/08
	H 02 p	3/18
171	H 02 p	1/52
		5/34
		7/42
172	H 02 p	1/46
		3/18
		5/28
		7/36
173	H 02 p	1/48
		7/48
174, 175	H 02 p	1/46
		3/18
		5/28
		7/36
176	H 02 p	5/28
177 – 180	H 02 p	1/46
		3/18
		5/28
		7/36
181	H 02 p	1/50
182, 183	H 02 k	19/14
		21/46
	H 02 p	1/50
184	G 05 b	5/00
	H 02 p	1/46
		3/18
		5/28
		7/36
185	H 02 k	19/12
	H 02 p	1/46
		3/18
		5/28
		7/36
186	H 02 p	1/46
		3/18
		5/28
		7/36
187	H 02 p	1/46
		3/18
		5/28
		7/46
188 – 191	H 02 p	1/46
		3/18
		5/28
		7/36
192	H 02 p	1/46
		3/18
		5/28
		7/40
193	H 02 p	1/46
		3/18
		5/28
		7/36
194	H 02 k	27/06
	H 02 p	1/24
		3/18
		5/28
		7/36
195	H 02 k	17/02
	H 02 p	1/24
		1/42
		3/18
		5/28
		7/36
196	H 02 k	27/10
	H 02 p	1/26
		1/42
		3/18
		5/28
		7/36
197	H 02 p	1/26
		1/42
		3/18
		5/28
		7/36
198	H 02 k	27/10
	H 02 p	1/26
		1/42
		3/18
		5/28
		7/36
199	H 02 k	17/02
	H 02 p	1/26
		1/42
		3/18
		5/28
		7/36
200	H 02 k	17/02
		17/28
	H 02 p	1/26
		1/42
		3/18
		5/28
		7/36
201	H 02 k	17/02
	H 02 p	1/26
		1/42
		3/18
		5/28
		7/36
202	H 02 p	1/40
		1/42
		3/20
		5/28
		7/36

U.S. Class 318—Con.

U.S. Subclass	IPC Subclass	IPC Notation
203	H 02 k	17/02
	H 02 p	1/40
		1/42
		3/20
		5/28
		7/36
204, 205	H 02 k	17/02
	H 02 p	1/26
		1/42
		3/18
		5/28
		7/36
206, 207	H 02 k	17/02
	H 02 p	1/40
		1/42
		3/20
		5/28
		7/36
208	H 02 k	17/10
	H 02 p	1/40
		1/42
		3/20
		5/28
		7/36
209	H 02 p	3/18
210	H 02 p	3/20
211	H 02 p	3/22
		3/24
212	H 02 p	3/24
213	H 02 k	17/02
	H 02 p	1/26
		1/42
		3/18
		5/28
		7/36
214	H 02 k	7/12
		17/02
	H 02 p	1/26
		1/42
		3/18
		5/28
		7/36
215	H 02 k	17/24
	H 02 p	1/26
		1/42
		3/18
		5/28
		7/46
216	H 02 k	17/02
	H 02 p	1/26
		1/42
		3/18
		5/28
		7/36
217	H 02 k	17/04
	H 02 p	1/42
		3/18
		5/28
		7/36
218	H 02 k	17/08
		17/10
	H 02 p	1/44
		3/18
		5/28
		7/36
219	H 02 k	17/04
		17/34
	H 02 p	1/42
		3/18
		5/28
		7/36
220, 221	H 02 k	17/08
		17/10
	H 02 p	1/44
		3/18
		5/28
		7/36
222, 223	H 02 k	17/10
	H 02 p	1/42
		3/18
		5/28
		7/36
224	H 02 k	17/06
		17/14
	H 02 p	1/38
		1/42
		3/18
		5/28
		7/48
225	H 02 k	17/02
	H 02 p	1/26
		1/42
		3/18
		5/28
		7/36
226	H 02 k	17/02
	H 02 p	1/32
		1/42
		3/18
		5/28
		7/36
227	H 02 k	17/02
	H 02 p	1/26
		1/42
		3/18
		5/38
		7/60
228, 229	H 02 k	17/30
	H 02 p	1/26
		1/42
		3/18
		5/28
		7/40
230	H 02 k	17/02
	H 02 p	1/28
		1/42
		3/18
		5/28
		7/36
231	H 02 k	17/02
	H 02 p	1/30
		1/42
		3/18
		5/34
		7/44
232	H 02 k	17/02
	H 02 p	1/26
		1/42
		3/18
		5/28
		7/36
233, 234	H 02 k	17/18
	H 02 p	1/26
		1/42
		3/18
		5/28
		7/36
235, 236	H 02 k	7/02
	H 02 p	1/26
		1/42
		3/18
		5/28
		7/36
237	H 02 k	7/02
	H 02 p	1/26
		1/42
		3/18
		5/38
		7/60
238	H 02 k	7/02
	H 02 p	1/34
		1/42
		3/18
		5/28
		7/40
239 – 241	H 02 k	7/02
	H 02 p	1/26
		1/42
		3/18
		5/28
		7/40
242	H 02 k	17/30
	H 02 p	1/26
		1/42
		3/18
		5/28
		7/40
243	H 02 k	17/02
	H 02 p	1/26
		1/42
		3/18
		5/28
		7/36
244	H 02 k	27/00
	H 02 p	1/24
		3/18
		5/28
		5/44
		7/36
		7/50
245	H 02 k	23/64
	H 02 p	1/24
		3/18
		5/28
		5/44
		7/36
		7/50
246	H 02 k	23/08
	H 02 p	1/18
		3/08
		5/06
		7/06
247	H 02 k	23/00
	H 02 p	1/18
		3/08
		5/06
		7/12
248	H 02 k	23/12
	H 02 p	1/18
		3/08
		5/06
		7/06
249, 250	H 02 k	23/00
	H 02 p	1/18
		3/08
		5/06
		7/06
251, 252	H 02 k	23/08
	H 02 p	1/18
		3/08
		5/06
		7/10
253	H 02 k	21/20
		31/00
	H 02 p	1/18
		3/08
		5/06
		7/06
254	H 02 k	23/00
	H 02 p	1/18
		3/08
		5/06
		7/06
255	H 02 p	1/00
		3/00
		5/00
		7/00
256 – 300	H 02 p	1/00
		1/22
		1/40
		3/00
		3/20
		5/00
		7/00
301	H 02 k	27/20
	H 02 p	5/00
		7/00
302 – 304	H 02 k	5/00
		7/00
		7/10
		17/32
		23/68
		27/20
		27/30
	H 02 p	5/04
		7/04
306 – 309	G 05 b	5/00
	H 02 k	27/20
	H 02 p	5/00
		7/00
310	G 05 b	5/00
	H 02 k	27/20
	H 02 p	5/00
311 – 324	G 05 b	5/00
	H 02 k	27/20
	H 02 p	5/00
		7/00
325	G 05 b	5/00
	H 02 k	27/20
	H 02 p	5/08

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 318—Con.		
		5/30
326–335	G 05 b	5/00
	H 02 k	27/20
	H 02 p	5/00
336, 337	H 02 p	5/00
		7/00
338–340	H 02 p	5/06
		5/28
		7/06
		7/36
341	H 02 p	5/06
		5/34
		7/06
		7/42
342–344	H 02 p	5/06
		5/28
		7/14
		7/36
345	H 02 p	5/12
		5/36
		7/24
		7/58
346	H 02 p	5/10
		5/32
		7/24
		7/58
347–349	H 02 p	5/06
		5/28
		7/22
		7/40
		7/56
350, 351	H 02 p	5/06
		5/28
		7/10
		7/36
		7/56
352	H 02 p	5/06
		5/28
		7/10
		7/36
		7/48
353–355	H 02 p	5/06
		5/28
		7/10
		7/36
		7/56
356	H 02 p	5/12
		5/36
		7/10
		7/24
		7/58
357, 358	H 02 p	5/06
		5/28
		7/10
		7/22
		7/40
		7/56
359	H 02 p	5/10
		5/32
		7/10
		7/22
		7/40
		7/56
360	H 02 k	1/00
		23/44
		23/48
		27/20
	H 02 p	5/00
		7/00
361	H 01 r	39/44
	H 02 k	13/00
	H 02 p	5/00
		5/44
		7/00
		7/50
362–370	H 02 k	7/10
		17/32
		23/68
		27/30
	H 02 p	3/00
		5/04
		7/04
371, 372	H 02 k	7/10
		17/32
		23/68
		27/30
	H 02 p	3/00
		3/04
		5/04
		7/04
373, 374	H 02 p	3/10
		3/20
375	H 02 p	3/12
		3/14
		3/18
376	H 02 p	3/14
		3/18
377, 378	H 02 p	3/14
		3/18
		3/24
379–381	H 02 p	3/12
		3/22
382	H 02 p	3/00
383	H 02 p	1/00
		5/00
		7/00
384	H 02 p	1/00
385–403	H 02 p	1/04
404–406	H 02 p	1/16
407–408	H 02 p	1/16
		1/32
409–414	H 02 p	1/16
		1/28
415	H 02 p	1/16
		1/30
		1/52
416	H 02 p	1/16
417–422	H 02 p	1/16
		1/20
423–427	H 02 p	1/16
428	H 02 p	1/16
		1/34
429	H 02 p	1/16
430, 431	H 02 p	1/04
432	H 02 p	7/00
433	H 02 k	17/32
		23/68
		27/30
	H 02 p	7/00
		7/04
434	H 02 k	17/32
		23/68
		27/30
	H 02 p	7/00
436	H 02 p	7/00
437	H 02 k	23/16
		23/18
		23/44
		37/00
438	G 05 f	1/68
	H 02 p	5/28
		7/36
439	H 01 r	39/46
	H 02 k	13/00
	H 02 p	7/50
440–442	H 02 p	1/00
		3/00
		5/00
		7/00
443, 444	H 02 p	1/04
		5/00
		7/00
445–460	G 05 b	5/00
	H 02 h	7/08
	H 02 p	1/00
		3/00
		7/00
461	G 05 b	5/00
	H 02 h	7/08
	H 02 p	1/04
		3/00
		5/00
		7/00
462	G 05 b	5/00
	H 02 h	7/08
	H 02 p	1/12
		3/00
		5/08
		5/30
		7/00
463–465	G 05 b	5/00
	H 02 h	7/08
	H 02 p	1/04
		3/00
		5/00
		7/00
466–470	G 05 b	5/00
	G 05 d	3/00
	H 02 h	7/08
	H 02 p	1/04
		3/00
		7/00
471–473	G 05 b	5/00
	G 05 d	23/00
	H 02 h	7/08
	H 02 p	1/04
		3/00
		7/00
474–489	G 05 b	5/00
	H 02 h	7/08
	H 02 p	1/04
		3/00
		7/00
490	G 01 r	31/02
	H 02 h	3/04
		7/08
	H 02 k	11/00
	H 02 p	1/00
		3/00
		5/00
		7/00
491	H 02 p	1/00
		3/00
		5/00
		7/00
492	H 01 f	13/00
	H 02 k	23/14
		23/44
		23/48
	H 02 p	1/00
		3/00
		5/00
		7/00
493–495	H 02 p	1/00
		3/00
		5/06
		5/28
		7/06
		7/36
496	H 02 p	1/32
		3/20
		5/06
		5/28
		7/06
		7/36
497–502	H 02 p	1/00
		3/00
		5/06
		5/28
		7/06
		7/36
503	H 02 p	1/30
		1/52
		3/00
		5/06
		5/34
		7/06
		7/44
504	H 02 p	1/00
		1/28
		3/00
		5/06
		5/28
		7/14
		7/36
505–507	H 02 p	1/00
		3/00
		5/00
		7/24
		7/58
508–511	H 02 p	1/00
		1/08
		1/20
		3/12
		3/22
		5/06
		5/28
		7/06
		7/22
		7/40

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 318—Con.		
		7/56
512, 513	H 02 p	1/00
		1/08
		1/20
		3/12
		3/22
		5/18
		5/42
		7/30
		7/64
514	H 02 p	1/00
		1/14
		1/20
		3/12
		3/22
		5/08
		5/28
		7/06
		7/36
515, 516	H 02 p	3/22
		5/08
		5/10
		5/30
519, 520	H 02 p	1/00
		3/00
		5/06
		5/28
		7/06
		7/36
521, 523	H 02 p	1/00
		3/00
		5/06
		5/28
		7/10
		7/36
		7/56
524	H 02 p	1/00
		1/38
		3/00
		5/06
		5/28
		7/10
		7/36
		7/48
525	H 02 p	1/00
		3/00
		5/06
		5/28
		7/10
		7/36
526	H 02 p	1/00
		3/00
		5/06
		5/28
		7/10
		7/12
		7/36
527 – 531	H 02 p	1/00
		3/00
		5/06
		5/28
		7/10
		7/36
532	H 02 p	1/00
		3/00
		5/00
		7/24
		7/58
533 – 535	H 02 p	1/00
		1/34
		3/00
		5/06
		5/28
		7/22
		7/40
		7/56
536, 537	H 02 p	1/00
		3/00
		5/06
		5/28
		7/10
		7/36
538	H 02 k	1/00
		23/44
		23/48
		27/20
	H 02 p	1/16
		3/00
		5/00
		7/00
539	H 02 k	1/00
		23/44
		23/48
		23/60
	H 02 p	1/16
		3/00
		5/00
		7/00
540	H 02 k	1/22
		23/44
		23/48
	H 02 p	1/16
		3/00
		5/00
		7/00
541	H 01 r	39/42
		39/44
	H 02 k	13/00
	H 02 p	1/16
		3/00
		5/00
		5/44
		7/00
		7/50
542	H 01 r	39/42
	H 02 k	13/00
	H 02 p	1/16
		3/00
		5/00
		5/44
		7/50
543 – 548	H 01 h	
	H 02 p	1/00
		1/04
		3/00
		5/00
		7/00
		7/20
		7/22
		7/54
		7/56
549	H 01 h	3/22
	H 02 p	1/00
		1/04
		3/00
		5/00
		7/00
		7/20
		7/22
		7/54
		7/56
550	H 01 h	3/14
	H 02 p	1/00
		1/04
		1/08
		3/00
		5/00
		7/00
		7/20
		7/22
		7/54
		7/56
551	H 01 h	3/22
	H 02 p	1/00
		1/04
		3/00
		5/00
		7/00
		7/20
		7/22
		7/54
		7/56
552 – 557	H 01 h	
	H 02 p	1/00
		1/04
		3/00
		5/00
		7/00
		7/20
		7/22
		7/54
		7/56
558	H 02 p	1/00
		3/00
		5/00
		7/00

U.S. Class 320

Electricity, battery and condenser charging and discharging

(IPC H 02 j)

U.S. Subclass	IPC Subclass	IPC Notation
1	H 02 j	
2	H 01 m	45/04
	H 02 j	7/00
3	H 02 j	7/00
4	H 02 j	7/00
5 – 26	H 01 m	45/04
	H 02 j	7/00
27 – 52	H 02 j	7/04
		7/16
53	H 01 m	45/04
	H 02 j	7/06
		7/24
		45/04
54 – 55	H 02 j	7/04
		7/16
56 – 60	H 01 m	45/05
	H 02 j	7/00
61 – 72	H 02 j	7/00

U.S. Class 321

Electricity conversion systems

(IPC H 02 m)

U.S. Subclass	IPC Subclass	IPC Notation
1	H 02 m	
1.5	H 02 m	
2 – 4	H 02 m	3/22
		5/40
5, 6	H 02 m	7/00
7	H 02 m	5/14
		5/16
		5/30
8	H 02 m	7/00
9	H 02 m	1/12
10	H 02 m	1/14
11 – 14	H 02 m	1/18
15	H 02 m	7/00
16 – 25	H 02 m	1/08
		7/00
26, 27	H 02 m	7/00
28 – 31	H 02 m	1/20
		7/30
		7/40
		7/54
		7/64
		7/86
		7/98
32	H 02 m	7/06
		7/14
33	H 02 m	7/26
34	H 02 m	7/46
		7/50
		7/70
		7/74
35, 36	H02 m	1/02
37 – 40	H 02 m	7/46
		7/50
		7/70
		7/74
41	H 02 m	1/02
42	H 02 m	7/04
43 – 47	H 02 m	7/44
		7/68
48	H 02 m	7/32
		7/38
49	H 02 m	7/58
		7/90
50	H 02 m	7/34
		7/38
		7/60
		7/92
		7/94
51 – 59	H 02 m	5/00
		5/14

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 321—Con.		
60–70	H 02 m	5/00
		5/16
		5/26
		5/30

U.S. Class 322

Electricity, single generator systems

(IPC H 02 p)

1	H 02 k	5/00
2	H 02 n	
3	H 02 k	35/00
4	H 02 k	7/02
5	H 02 k	9/12
6	H 02 k	9/14
7, 8	H 02 j	1/00
		3/00
9	H 02 k	7/18
10–12	H 02 p	3/00
		9/06
		15/00
13	H 02 p	3/00
		9/06
		11/00
		15/00
14, 15	H 02 p	9/04
16	H 02 p	9/04
		11/00
17–37	H 02 h	7/06
	H 02 p	9/00
		11/00
38	H 02 p	9/04
39	H 02 p	11/00
40–43	H 02 p	15/00
44, 45	H 02 p	9/00
46	H 02 p	9/14
47	H 02 p	9/46
48	H 02 p	9/00
49–52	H 02 p	9/40
53–57	H 02 p	9/00
58	H 02 k	11/00
59–71	H 02 p	9/10
		9/14
72–74	H 02 p	9/26
75–79	H 02 p	9/10
		9/14
80–85	H 02 p	9/16
		9/20
86–88	H 02 p	9/10
		9/14
89–98	H 02 p	9/00
99	H 02 k	11/00
	H 02 p	9/00
100	H 02 p	9/00

U.S. Class 323

Electricity, voltage magnitude and phase control systems

(IPC G 05 f)

1–3	G 05 f	1/10
		3/02
	H 02 j	1/04
		3/10
4	G 05 f	1/40
		1/52
		1/60
	H 02 j	1/04
		3/10
5	G 05 f	1/10
	H 02 j	1/04
		1/14
		3/10
		3/28
6	G 05 f	1/14
		1/24
	H 02 j	1/04
		3/10
7	G 05 f	1/10
		1/48
		3/00
	H 02 j	1/04
		3/10
8	G 05 f	1/10
		1/60
		3/00
	H 02 j	1/04
		3/10
9	G 05 f	1/10
		3/00
	H 02 j	1/04
		3/10
10	H 02 j	1/10
		1/14
		3/28
		3/38
11	H 02 j	1/14
		3/28
		3/38
12	H 02 j	1/00
		3/00
13	H 02 j	1/00
		3/00
14	H 02 j	1/00
		3/00
15	G 05 f	1/62
	H 02 j	7/00
		7/36
16	G 05 f	3/00
		5/00
17	G 05 f	1/16
		1/26
		1/40
		1/52
18	G 05 f	3/00
19–22	G 05 f	1/40
		1/52
		1/60
23–100	G 05 f	3/00
		5/00
		7/00
101, 102	G 05 f	1/68
103, 104	G 05 f	1/68
105–107	G 05 f	1/68
108–110	G 05 f	3/00
		5/00
111	H 02 j	3/18
112	H 02 j	3/18
113	H 02 j	3/18
114	H 02 j	3/18
115	H 02 j	3/18
116–129	G 05 f	3/00
		5/00
		7/00

U.S. Class 324

Electricity, measuring and testing

(IPC G 01 r)

.5	G 01 n	27/00
	G 01 r	33/08
	H 01 s	
1	G 01 v	3/00
2	G 01 v	3/18
3	G 01 v	3/00
4	G 01 v	3/16
5–7	G 01 v	3/12
8	G 01 v	3/08
9, 10	G 01 v	
11	G 01 v	3/00
		3/18
12	G 01 v	9/02
13–14	G 01 n	27/00
15	G 01 r	13/42
		23/00
16	G 01 r	13/42
		23/00
		29/00
17–18	G 01 r	13/42
		31/22
19	G 01 r	1/00
		13/42
20–27	G 01 r	31/22
28	G 01 r	31/02
29–31	G 01 n	27/42
32	G 01 r	5/28
33	G 01 n	27/00
		27/62
34	G 01 r	33/00
36–39	G 01 r	33/12
40	G 01 r	33/14
41	G 01 r	33/00
		33/12
42	G 01 r	33/12
43–44	G 01 r	33/02
45	G 01 r	33/06
46–48	G 01 r	33/02
51	G 01 r	31/02
52	G 01 r	31/08
53	G 01 r	31/00
54	G 01 r	31/12
55	G 01 r	31/02
		31/06
56	G 01 r	29/22
57	G 01 r	27/00
58	G 01 r	27/04
58.5	G 01 r	27/04
59–60	G 01 r	11/52
		27/26
61	G 01 r	27/26
62–63	G 01 r	27/02
64	G 01 r	27/14
65	G 01 r	27/02
66–67	G 01 r	19/00
68	G 04 f	9/00
		11/00
69	G 01 p	3/56
70	G 01 p	3/12
71	G 01 n	27/00
72	G 01 r	31/02
72.5	G 01 r	31/02
73	G 01 r	15/12
74	G 01 r	11/32
		35/04
75	G 01 r	35/06
76	G 01 r	19/00
		23/00
77	G 01 r	23/16
		27/02
78	G 01 r	23/02
79	G 01 r	23/14
80	G 01 r	23/00
81	G 01 r	23/00
		23/08
82	G 01 r	23/00
		23/12
83	G 01 r	25/00
	H 03 d	13/00
84	G 01 r	25/02
85–89	G 01 r	25/00
90	G 01 r	25/00
		25/06
91	G 01 r	25/00
92–94	G 01 r	27/22
95	G 01 r	23/04
		25/02
		27/02
96	G 01 r	31/00
97	G 01 r	13/38
		13/40
98	G 01 r	17/02
99	G 01 r	17/06
100	G 01 r	13/04
		17/06
101	G 01 r	17/10
102	G 01 r	19/00
		27/28
103	G 01 r	19/16
104	G 01 r	5/22
		19/16
105	G 01 r	5/22
106	G 01 r	5/26
107	G 01 r	19/00
		29/16
108	G 01 r	19/00
109	G 01 r	29/22
110–112	G 01 r	1/00
113	G 01 r	13/04
114	G 01 r	1/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 324—Con.		
		29/00
115–116	G 01 r	1/38
		15/08
		15/10
117	G 01 r	33/00
118	G 01 r	19/18
		19/22
119	G 01 r	19/22
120	G 01 r	19/26
121	G 01 r	13/20
122	G 01 r	13/36
		31/22
123–124	G 01 r	1/30
125	G 01 r	1/14
126–129	G 01 r	
130–131	G 01 r	1/02
132	G 01 r	15/10
133	G 01 r	19/14
134–135	G 01 r	11/32
136	G 01 r	11/02
137–138	G 01 r	11/02
139	G 01 r	11/02
		11/30
140–141	G 01 r	7/00
142	G 01 r	7/00
		11/32
143	G 01 r	11/30
		11/36
144	G 01 r	1/20
		11/30
145–147	G 01 r	1/20
149	G 01 r	1/06
150	G 01 r	1/20
		5/20
151	G 01 r	1/16
152	G 01 r	1/16
153	G 01 r	1/20
		11/16
154–155	G 01 r	1/00
156	G 01 r	1/04
157, 158	G 01 r	

U.S. Class 325

Modulated carrier wave communications systems

(IPC H 04 b)

1	H 04 b	7/14
2	H 04 b	1/06
		7/14
3	H 04 b	1/60
4	H 04 b	7/14
		7/20
5	H 04 b	1/40
		7/14
6	H 04 b	7/14
7	H 04 b	7/16
8–12	H 04 b	7/14
13	H 04 b	7/18
14	H 04 b	7/14
15, 16	H 01 b	1/38
17–20	H 04 b	1/40
21–24	H 04 b	1/40
		1/44
25	H 04 b	1/40
26	H 04 b	1/00
		7/00
27	H 04 b	1/00
28	H 04 b	13/00
29, 30	H 02 b	1/00
31	H 04 b	1/00
32	H 04 k	1/00
33	H 04 k	1/00
		1/10
34	H 04 k	1/00
		1/02
35	H 04 k	1/00
		1/08
36–41	H 04 b	1/00
		7/00
42	H 04 b	1/00
		1/10
43–45	H 04 b	1/00
		7/00
46	H 04 b	1/62
47	H 04 b	1/00
		7/00
48	H 04 b	1/00
		1/70
		7/00
49, 50	H 04 b	1/68
51	H 04 b	1/00
		7/00
52	H 04 b	1/10
		15/00
53–55	H 04 b	1/00
		7/00
56	H 04 b	7/02
57–60	H 04 b	1/00
		7/00
61–64	H 04 b	1/00
		7/00
65	H 04 b	1/10
		15/00
66	H 04 b	1/00
		7/00
67	H 04 b	1/00
101	H 04 b	1/02
102–110	H 04 b	1/04
111, 112	H 04 b	1/02
113	H 04 b	1/02
		1/04
114	H 04 b	1/02
115–119	H 04 b	1/02
120, 121	H 04 b	1/04
122	H 04 k	1/00
		1/02
		1/04
123–130	H 04 b	1/04
131	H 04 b	1/04
		1/62
		1/66
132	H 04 k	3/00
133, 134	H 04 b	1/02
135, 136	H 04 b	1/66
137, 138	H 04 b	1/68
139	H 04 b	1/66
140	H 04 b	1/02
141–143	H 04 b	1/04
144	H 04 b	1/04
		1/68
145, 146	H 04 b	1/04
147, 148	H 04 b	1/04
		1/66
149, 150	H 04 b	1/02
151–152	H 04 b	1/04
153	H 04 b	1/04
		1/66
154	H 04 b	7/02
		7/12
155	H 04 b	1/02
		1/04
156–158	H 04 b	1/02
		1/04
159	H 04 b	1/04
160	H 04 b	1/02
161–170	H 04 b	1/04
171–180	H 04 b	1/04
		1/66
181, 182	H 04 b	1/04
183	H 04 b	1/02
		1/04
184	H 04 b	1/04
		1/66
185, 186	H 04 b	1/04
187	H 04 b	1/04
		1/66
290, 30	H 04 b	7/00
300–310	H 04 b	1/06
311	H 04 b	1/06
		1/20
312	H 04 b	1/06
313	H 04 b	1/10
		15/00
314–317	H 04 b	1/06
318–322	H 04 b	1/16
323, 324	H 04 b	1/10
325, 326	H 04 b	1/16
327, 328	H 04 b	1/66
329, 330	H 04 b	1/68
331	H 04 b	1/68
332–337	H 04 b	1/36
338–341	H 04 b	1/06
342	H 04 b	1/06
		1/26
343–347	H 04 b	1/06
348	H 04 b	1/06
		1/10
349–351	H 04 b	1/16
352–361	H 04 b	1/08
362	H 04 b	1/06
363–364	H 04 b	1/00
365–372	H 04 b	1/06
373–376	H 04 b	1/16
377	H 04 b	1/10
378	H 04 b	1/12
379	H 04 b	1/10
380–382	H 04 b	1/16
383–388	H 04 b	1/18
389–396	H 04 b	1/06
397–416	H 04 b	1/16
417–429	H 04 b	1/16
430–443	H 04 b	1/26
444	H 04 b	1/26
		1/30
445–450	H 04 b	1/26
451	H 04 b	1/28
452	H 04 b	1/06
453	H 04 b	1/16
454	H 04 b	1/18
455–466	H 04	
bi061/06		
467–468	H 04 b	1/16
469–471	H 04 b	1/32
472–482	H 04 b	1/10
483	H 04 b	1/06
484–491	H 04 b	1/16
492–495	H 04 b	1/06
496	H 04 b	1/00
		7/00

U.S. Class 328

Miscellaneous electron space discharge device systems

(IPC H 03 k)

1	G 01 n	27/00
	G 05 d	
	G 08 b	19/00
		21/00
		23/00
	G 08 c	
2	G 01 j	5/00
	G 01 n	27/00
	G 05 d	25/00
	G 08 b	13/18
		19/00
		21/00
	G 08 c	
3	G 01 k	7/00
	G 01 n	27/00
	G 05 d	23/20
	G 08 b	13/18
		19/00
		27/00
4	G 01 n	27/00
	G 08 b	19/00
		21/00
	G 08 c	
5	G 01 n	27/00
	G 08 b	13/16
		13/18
		13/24
		13/26
		19/00
		21/00
	G 08 c	
6	G 01 n	27/00
	G 08 b	17/00
	G 08 c	
7	H 02 h	5/12
	H 05 f	1/00
		3/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 328—Con.		
8–11	H 02 h	7/20
12	H 05 k	
13–20	H 03 b	19/00
21	H 03 k	5/00
22–24	H 03 k	5/00
25	H 03 b	19/00
26	H 03 d	
	H 03 k	5/00
27–36	H 03 k	5/08
37	G 11 c	19/00
	H 03 k	23/00
38	H 03 k	5/00
39–40	H 03 k	21/00
		23/06
		23/20
		23/24
		23/28
41–42	H 03 k	21/00
		23/06
		23/20
		23/24
		23/28
43	H 03 k	21/00
		23/06
		23/20
44–46	H 03 k	21/00
		23/06
		23/20
		23/24
		23/28
47	H 03 k	21/00
		23/20
		23/22
		23/24
48	H 03 k	21/32
49–52	H 03 k	21/00
		23/06
		23/20
		23/24
		23/28
53–54	H 03 k	5/08
55–56	H 03 k	5/159
57	H 03 k	5/00
58	H 03 k	5/04
59–68	H 03 k	1/00
		3/04
69	H 03 k	17/00
70–71	H 03 k	17/02
72–75	H 03 k	17/00
		17/26
		17/28
76	H 03 k	17/02
77–78	H 03 k	17/26
		17/28
79–85	H 03 k	17/02
86–87	H 03 k	17/26
		17/28
88–91	H 03 k	17/02
92	H 03 k	19/04
		19/06
		19/12
		19/20
93	H 03 k	19/06
		19/12
		19/36
		19/38
94	H 03 k	19/06
		19/12
		19/22
95–102	H 03 k	17/02
		17/52
103	H 03 k	17/02
		17/40
		17/52
104–107	H 03 k	17/02
		17/40
		17/52
108–119	H 03 k	5/20
120	H 03 k	5/18
121–122	G 11 c	11/26
123–124	G 11 c	11/26
		11/32
125	G 11 c	11/28
126	G 11 c	11/26
127–128	G 06 g	7/18
	H 03 k	5/00
129–130	G 01 r	29/02
	H 03 k	5/00
131	G 01 r	29/02
	H 03 k	5/00
132	H 03 b	3/04
	H 03 k	5/00
133	H 03 b	3/04
	H 03 d	13/00
	H 03 k	9/06
134	H 03 b	3/04
	H 03 d	3/02
	H 03 k	9/06
135	G 05 g	1/40
		1/52
		3/02
	G 06 g	7/12
136	G 01 r	23/02
	H 03 d	3/00
137	G 04 q	3/00
138	H 03 d	3/00
	H 03 k	9/06
139	H 03 b	1/00
140	H 03 b	3/04
	H 03 k	5/20
141	H 03 b	3/04
	H 03 k	5/20
		9/06
142–143	G 06 g	7/12
144	G 06 g	7/20
145	G 06 g	7/24
146–149	G 06 g	7/14
	H 03 b	3/02
	H 03 k	5/20
150	H 03 k	17/00
151	H 03 k	5/00
		17/00
152–154	H 03 k	17/00
		17/52
		17/76
155	H 03 b	3/04
	H 03 k	5/18
156	G 06 g	7/12
157	H 03 k	5/20
158	G 06 g	7/00
159	G 06 g	7/42
160–161	G 06 g	7/16
162–167	H 03 b	1/00
		1/04
	H 03 k	5/00
	H 04 b	1/10
		15/00
168–175	H 03 b	3/02
	H 03 k	5/08
176	H 03 k	3/00
177–180	H 03 k	3/53
181–185	H 03 k	4/10
		4/86
186–188	H 03 k	3/02
		3/37
		4/02
189	H 03 k	3/00
190	H 01 j	17/32
		19/82
		23/34
		29/98
	H 03 k	3/04
191–204	H 03 k	3/06
205	H 03 k	3/14
206	H 03 k	3/12
207	H 03 k	3/10
208–209	H 01 j	17/36
		19/82
	H 03 k	3/02
210–211	H 01 j	17/02
		17/36
	H 03 k	3/02
212–226	H 01 j	19/82
	H 03 k	3/04
227	H 01 j	29/00
		29/98
228	H 01 j	29/54
		29/58
		29/80
		29/84
229	H 01 j	29/70
230	H 01 j	29/76
231	H 01 j	29/00
		29/98
232	H 01 j	23/00
		23/34
233	H 01 j	23/00
		23/34
	H 05 h	
234	H 05 h	7/00
		13/00
235–236	H 05 h	7/00
		13/04
237	H 05 h	7/00
		11/00
238	H 05 h	
239	H 01 j	19/82
240	H 03 k	1/10
241–245	H 03 h	11/00
	H 03 j	19/82
		23/00
		23/34
	H 03 k	3/02
246	H 03 k	3/02
247–248	H 03 k	3/02
		3/18
249	H 01 j	17/00
		19/00
		21/00
		23/00
		25/00
		29/00
		31/00
250	H 01 j	17/00
251	H 01 j	17/02
252	H 01 j	19/00
		21/00
253	H 01 j	21/18
254–257	H 01 j	29/00
		31/00
258	H 01 j	19/82
	H 03 k	1/00
		1/02
259	H 02 h	
260	H 01 j	19/82
	H 02 m	1/10
261	H 01 j	19/82
262	H 01 j	18/82
	H 02 m	7/44
263, 264	H 01 j	19/82
	H 02 m	7/44
265–271	H 01 j	19/82
	H 03	
ki061/10		

U.S. Class 329

Demodulators and detectors

(IPC H 03 d)

1, 2	H 03 d	5/00
50	H 03 d	3/18
100	H 03 d	1/00
101, 102	H 03 d	1/18
103	H 03 d	1/18
		3/00
104, 105	H 03 k	9/00
106	H 03 k	9/08
107, 108	H 03 k	9/04
		9/06
109	H 03 k	9/02
110–112	H 03 d	3/00
113	H 03 d	3/32
114	H 03 d	3/30
115	H 03 d	3/32
		9/04
116, 117	H 03 k	3/00
118, 119	H 03 d	3/00
120, 121	H 03 d	3/00
		3/22
122–125	H 03 d	3/00
		3/18
126–128	H 03 d	3/04
129, 130	H 03 d	3/10
131–134	H 03 d	3/00
		3/24
135	H 03 d	3/00
		5/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 329—Con.		
136	H 03 d	3/00
		3/28
137	H 03 d	3/02
138	H 03 d	3/08
139–143	H 03 d	3/26
144	H 03 d	9/00
145, 146	H 03 d	1/00
147	H 03 d	1/00
		5/00
148, 149	H 03 d	1/00
150–154	H 03 d	1/22
155	H 03 d	1/28
156	H 03 d	1/26
157–159	H 03 d	1/00
160–162	H 03 d	9/02
163–167	H 03 d	1/00
168, 169	H 03 d	1/06
170	H 03 d	1/04
171	H 03 d	1/04
		1/06
172	H 03 d	1/04
173	H 03 d	1/06
174	H 03 d	1/00
175–177	H 03 d	1/16
178, 179	H 03 d	1/20
180–184	H 03 d	1/16
185–187	H 03 d	1/20
188	H 03 d	1/00
189	H 03 d	1/02
190–192	H 03 d	1/16
193	H 03 d	1/00
194	H 03 d	1/04
195–197	H 03 d	1/02
198–202	H 03 d	1/00
203–206	H 03 d	1/10
207	H 03 d	1/00
U.S. Class 330		
Amplifiers		
(IPC H 03 f)		
1	H 03 f	1/00
		21/00
2	G 01 r	19/00
		21/00
		23/00
3	H 03 f	5/00
		21/00
4	H 01 s	1/00
4.3	H 01 s	3/00
4.5	H 03 f	7/00
4.6–4.7	H 03 f	7/06
4.8–4.9	H 03 f	7/00
5	H 01 s	1/00
	H 03 f	3/04
5.5	H 03 f	3/04
6	H 03 f	15/00
7	H 03 f	21/00
8	H 03 f	9/00
9	H 03 f	1/02
10	H 03 f	3/38
11	H 03 f	21/00
12	H 03 f	3/04
13	H 03 f	3/18
14	H 03 f	3/04
15	H 03 f	3/26
16	H 03 f	3/04
		3/68
17	H 03 f	3/18
		3/68
18–19	H 03 f	3/42
20	H 03 f	3/68
21–22	H 03 f	3/04
		3/68
23	H 03 f	1/32
		3/04
24	H 03 f	3/04
		3/68
25	H 03 g	3/30
26	H 03 f	1/38
27	H 03 f	1/14
28	H 03 f	1/08
		1/34
29	H 03 g	3/30
30	H 03 f	3/68
31–32	H 03 f	3/04
33	H 03 f	3/08
34	H 03 f	3/10
		3/12
35	H 03 f	3/16
36–37	H 03 f	3/04
38–39	H 03 f	3/14
40	H 03 f	3/04
41	H 03 f	21/00
42	H 03 f	1/00
43	H 03 f	3/58
44	H 03 f	3/54
45	H 03 f	3/56
46–48	H 03 f	3/54
49	H 03 f	1/20
		3/60
50–51	H 03 f	1/14
52	H 03 f	3/66
53–54	H 03 f	3/60
55	H 03 f	3/26
		3/60
56–57	H 03 f	3/60
58	H 03 f	21/00
59	H 03 f	17/00
60	H 03 f	21/00
61–62	H 03 f	15/00
63	H 04 f	9/00
64	H 03 f	1/08
65–68	H 03 f	1/00
69	H 03 f	1/00
		21/00
70–74	H 03 f	1/00
75	H 03 f	1/36
76	H 03 f	1/16
		1/36
77	H 03 f	1/16
		1/36
		3/28
78	H 03 f	1/16
		1/36
		3/50
79	H 03 f	1/36
80	H 03 f	1/16
81–82	H 03 f	1/36
		3/28
83	H 03 f	1/36
		3/34
84–85	H 03 f	1/36
		3/68
86	H 03 f	1/36
87	H 03 f	1/36
		3/52
88–95	H 03 f	1/22
		1/36
		3/52
96	H 03 f	1/36
	H 03 g	3/20
97	H 03 f	1/36
		3/36
98–100	H 03 f	1/24
		1/36
		3/52
101–102	H 03 f	1/36
103–104	H 03 f	1/36
		3/68
105–107	H 03 f	1/36
108–109	H 03 f	1/36
		3/52
110–111	H 03 f	1/36
112	H 03 f	1/40
113–114	H 03 f	1/00
115	H 03 f	
116–117	H 03 f	3/02
118	H 03 f	3/28
119	H 03 f	3/05
		3/28
120	H 03 f	3/28
121	H 03 f	3/28
		3/36
122–123	H 03 f	3/28
124–126	H 03 f	3/68
127	H 03 g	3/00
		3/20
128–131	H 03 g	3/20
132	H 03 g	5/16
133–134	H 03 g	5/16
		9/00
135	H 03 g	11/00
136	H 03 g	3/20
137–142	H 03 g	3/20
143	H 03 f	1/30
144–145	H 03 f	1/30
	H 03 g	3/20
146	H 03 f	3/00
		3/26
147–148	H 03 f	3/00
		3/68
		5/00
149	H 03 f	1/26
		1/30
150	H 03 f	1/22
		3/18
151	H 03 f	1/00
152–154	H 03 f	1/22
155–157	H 03 f	1/00
158	H 03 f	1/00
		3/52
159	H 03 f	3/34
		3/52
160	H 03 f	1/00
161	H 03 f	1/00
		3/34
162	H 03 f	1/00
163	H 03 f	1/00
		3/36
164–167	H 03 f	1/00
168	H 03 f	3/52
169–171	H 03 f	1/00
172	H 03 f	3/52
173	H 03 f	3/36
		3/52
174	H 03 f	1/00
		13/00
175	H 03 f	1/00
176–180	H 03 f	1/00
181–182	H 03 f	3/36
183–184	H 03 f	3/34
185	H 03 f	1/00
		3/00
186	H 03 f	3/52
187	H 03 f	3/36
		3/52
188–190	H 03 f	1/00
		3/00
191	H 03 f	3/36
192	H 03 f	1/00
		3/00
193	H 03 f	3/52
194	H 03 f	3/36
		3/52
195–197	H 03 f	1/00
		3/00
198	H 03 f	3/36
		3/52
199–206	H 03 f	1/00
207	H 03 f	21/00
U.S. Class 331		
Oscillators		
(IPC H 03 b)		
1, 2	H 03 b	3/04
3	H 03 b	3/12
4–18	H 03 b	3/04
19	H 03 b	3/08
20–36	H 03 b	3/04
37	H 03 b	21/00
38	H 03 b	21/02
39–43	H 03 b	21/00
44	H 03 b	3/00
45	H 03 b	27/00
46–59	H 03 b	
60	H 03 b	25/00
61	H 03 b	
62, 63	H 02 h	7/20
64	G 08 b	
	H 03 b	1/00
65	G 01 n	27/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 331—Con.		
	G 05 d	
	G 08 b	19/00
		21/00
		23/00
	G 08 c	
66	G 01 j	5/00
	G 01 k	7/00
	G 01 n	27/00
	G 05 d	23/20
	G 08 b	13/18
		19/00
		21/00
		27/00
67–69	H 03 b	1/00
70,71	H 03 b	
72	H 03 b	5/28
73	H 03 b	5/34
74,75	H 03 b	3/10
		3/16
		5/00
76	H 03 b	3/04
		3/18
77	H 03 b	
78	H 03 b	29/00
79	H 03 b	9/00
80	H 03 b	9/00
		13/00
81	H 03 b	9/02
82	H 03 b	9/08
83	H 03 b	9/04
84	H 03 b	9/00
		9/06
86–91	H 03 b	9/10
92,93	H 03 b	9/02
94	H 01 s	1/00
94.5	H 01 s	3/00
95	H 03 b	5/08
96–102	H 03 b	5/18
		7/12
103	H 03 b	1/00
104	H 03 b	9/00
105	H 03 b	1/04
106	H 03 b	3/02
107	H 03 b	5/12
		5/24
		5/36
		7/06
		7/14
		11/10
		19/14
108	H 03 b	5/12
		5/24
109	H 03 b	3/02
110	H 03 b	5/14
		5/26
		5/38
		5/42
111	H 03 k	3/26
112	H 03 k	3/30
113	H 03 k	3/281
114	H 03 k	3/26
		5/12
115	H 03 b	7/00
		7/06
116	H 03 b	5/30
		5/36
117–126	H 03 b	5/00
127	H 03 b	7/10
		11/02
128	H 03 b	11/08
129	H 03 k	3/37
130	H 03 k	3/37
131	H 03 k	3/37
132–134	H 03 b	7/00
135–137	H 03 b	5/20
138	H 03 b	5/14
		5/42
139	H 03 b	5/38
140	H 03 b	5/26
141,142	H 03 b	5/26
143	H 03 k	3/02
144,145	H 03 k	3/06
146	H 03 k	3/16
147–149	H 03 k	3/16
150–153	H 03 k	3/02
154–156	H 03 b	5/30
157	H 03 b	5/40
158–164	H 03 b	5/32
165	H 03 b	11/00
166	H 03 b	11/08
		11/10
167–174	H 03 b	5/08
		5/18
175,176	H 03 b	3/00
177–181	H 03 b	
182	H 03 b	3/02
183–185	H 03 b	
186	H 03 b	3/00
187	H 03 b	

U.S. Class 332

Modulators

(IPC H 03 c)

1	H 03 c	1/50
		3/38
2	H 03 c	1/46
3,4	H 03 c	
5	H 03 c	1/30
		3/32
		5/04
6,7	H 03 c	1/28
		3/30
		5/02
7.5	H 01 s	1/00
7.51	H 01 s	3/00
8	H 03 c	
9–15	H 03 k	7/00
16,17	H 03 c	3/00
18	H 03 c	3/08
19–24	H 03 c	3/00
25	H 03 c	3/34
26	H 03 c	3/28
27	H 03 c	3/00
28	H 03 c	3/14
29	H 03 c	3/12
30	H 03 c	3/20
31	H 03 c	1/00
37	H 03 c	1/06
38–41	H 03 c	1/00
42	H 03 c	1/00
		5/00
43	H 03 c	1/54
44	H 03 c	1/52
45	H 03 c	1/52
		1/60
46	H 03 c	1/00
47	H 03 c	1/54
48–50	H 03 c	1/00
51	H 03 c	1/00
		1/48
52–55	H 03 c	1/00
56	H 03 c	1/08
57	H 03 c	1/00
58	H 03 c	1/32
59–67	H 03 c	1/00

U.S. Class 333

Wave transmission line and networks

(IPC H 01 p)

1	H 01 p	5/00
	H 03 h	7/00
1.1	H 01 p	1/32
2–5	H 01 p	5/00
6–9	H 01 p	5/12
10	H 01 p	5/14
11	H 01 p	5/12
12	H 04 b	3/28
13	H 01 p	1/04
		1/14
14	H 04 b	3/04
15,16	H 04 b	3/10
17,18	H 04 b	3/04
19	H 04 p	3/00
20	H 04 b	3/04
21	H 01 p	1/16
22	H 01 p	1/26
23	H 04 b	3/40
24–26	H 03 h	5/00
27	H 03 h	5/10
		7/00
28	H 03 h	5/00
29	H 03 h	
30,31	H 03 h	7/30
32–35	H 03 h	7/38
70–75	H 03 h	7/10
		9/00
76	H 01 h	7/10
77,78	H 01 h	7/08
79	H 01 h	7/14
80	H 01 p	1/24
81	H 01 p	1/22
82	H 01 p	7/00
83	H 01 p	7/06
84	H 01 p	3/00
		3/08
95	H 01 p	3/12
96	H 01 p	3/06
97–99	H 01 p	1/00

U.S. Class 334

Tuners

(IPC H 03 j)

1–3	H 03 j	5/00
4	H 03 j	1/18
		1/22
5,6	H 03 j	1/18
		3/04
7	H 03 j	5/06
		5/08
		5/32
8	H 03 j	1/00
9,10	H 03 j	1/06
		1/18
11	H 03 j	3/04
		3/06
12	H 03 j	1/00
		3/00
13	H 03 j	3/00
		3/06
14,15	H 03 j	3/06
16	H 03 j	3/04
17–20	H 03 j	3/00
21–28	H 03 j	3/00
29	H 03 j	3/00
		5/02
30,31	H 03 j	1/02
		3/12
32	H 03 j	1/04
		3/14
33	H 03 j	1/02
		3/12
34,35	H 03 j	1/04
		3/14
36,37	H 03 j	1/02
		3/14
38	H 03 j	
39	H 03 j	5/00
40	H 03 j	3/00
		5/00
41	H 03 j	3/00
		5/00
42,43	H 03 j	3/24
		5/00
44–46	H 03 j	3/00
		5/00
47	H 03 j	5/00
48	H 03 j	3/10
		5/00
49–54	H 03 j	5/02
55–58	H 03 j	3/20
		5/24
59,60	H 03 j	5/24
61–63	H 03 j	3/00
64	H 03 j	3/02
		5/02
65	H 03 j	3/02
		3/22
66–69	H 03 j	3/22
70	H 03 j	3/16
		3/22
71–73	H 03 j	3/20
74–76	H 03 j	3/16

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 334—Con.		
		3/20
77	H 03 j	3/16
		3/20
		3/30
78–80	H 03 j	3/20
81, 82	H 03 j	3/20
83	H 03 j	3/20
		3/32
84	H 03 j	1/06
		3/20
85	H 03 j	1/00
		3/00
		5/00
86, 87	H 03 j	1/02
		3/12
88	H 03 j	1/00
89	H 03 j	1/00
		3/00
		5/00
U.S. Class 335		
Electricity, magnetically operated switches, magnets and electromagnets		
(IPC H 01 h)		
1	H 01 h	9/00
		45/00
2	H 01 h	
3	H 01 h	55/00
4	H 01 h	53/00
5	H 01 h	53/00
6–16	H 01 h	75/00
		77/00
		83/00
17	H 01 h	73/12
		75/00
		77/00
		83/00
18	H 01 h	73/00
		73/12
		75/00
		83/06
19, 20	H 01 h	83/00
21	H 01 h	73/02
		75/00
		77/00
		83/00
22, 23	H 01 h	73/48
		75/00
		77/00
		81/00
24	H 01 h	75/00
		77/00
		81/00
		83/00
25	H 01 h	75/02
		77/02
		81/00
		85/00
26, 27	H 01 h	73/00
		75/02
		77/02
		81/00
		85/00
28	H 01 h	73/00
		75/02
		77/02
		83/00
29	H 01 h	75/02
		77/02
30	H 01 h	75/02
		77/02
		81/00
		85/00
31	H 01 h	73/22
		75/08
		77/04
		81/02
32	H 01 h	75/02
		77/02
		81/00
		83/00
33, 34	H 01 h	75/02
		77/02
		81/00
		83/00
35, 36	H 01 h	75/12
		77/00
		81/00
		83/00
37	H 01 h	75/12
		77/04
		81/00
		83/00
38–41	H 01 h	75/10
		77/06
		81/04
		83/00
42	H 01 h	75/10
		77/06
		81/04
43–45	H 01 h	75/08
		77/04
		81/02
46	H 01 h	75/00
		77/00
		83/00
47–56	H 01 h	29/00
57	H 01 h	1/00
		29/00
58	H 01 h	1/08
		29/00
59	H 01 h	7/00
		43/00
60	H 01 h	7/00
		43/02
61	H 01 h	7/03
		43/02
62	H 01 h	7/02
		43/02
63	H 01 h	7/08
		7/14
		43/02
64	H 01 h	7/08
		43/08
65	H 01 h	7/10
		43/02
66	H 01 h	7/06
		43/02
		43/30
67	H 01 h	7/06
		43/02
		43/04
68–77	H 01 h	3/00
		9/00
		51/00
78	H 01 h	51/22
79–86	H 01 h	51/22
87–98	H 01 h	51/34
99–105	H 01 h	51/30
106	H 01 h	67/00
107, 108	H 01 h	67/02
109–112	H 01 h	67/14
113	H 01 h	67/02
114	H 01 h	67/06
115–121	H 01 h	67/02
122, 123	H 01 h	67/06
124	H 01 h	67/02
125	H 01 h	67/02
		67/06
126	H 01 h	67/02
127	H 01 h	67/02
		67/06
128–132	H 01 h	67/02
133–135	H 01 h	63/02
		67/02
136, 137	H 01 h	67/02
138–140	H 01 h	51/08
141–146	H 01 h	51/00
		61/00
147	H 01 h	53/00
148–150	H 01 h	53/015
151–154	H 01 h	1/66
		51/00
155, 156	H 01 h	7/16
		75/00
		77/00
157	H 01 h	3/60
		9/00
158, 159	H 01 h	9/00
160, 161	H 01 h	9/20
162–163	H 01 h	9/00
164–171	H 01 h	9/20
172–184	H 01 h	9/00
185–187	H 01 h	3/00
188	H 01 h	5/00
189–192	H 01 h	3/00
193	H 01 h	3/60
194, 195	H 01 h	3/00
196	H 01 h	1/00
197	H 01 h	1/48
		1/50
198	H 01 h	1/00
199	H 01 h	1/06
200	H 01 h	1/12
201	H 01 h	9/30
202	H 01 h	9/02
		13/04
203–207	H 01 h	9/00
208	H 01 h	9/00
		37/00
209	H 01 f	1/00
		7/00
210	H 01 f	7/00
211	H 01 f	3/12
		7/00
212	H 01 f	1/00
213, 214	H 01 h	1/00
		5/00
215	H 01 f	7/00
		7/02
		7/06
	H 01 h	55/00
216	H 01 f	1/00
		7/00
		7/22
217, 218	H 01 f	1/00
		7/00
		61/00
219	H 01 f	1/00
		7/00
220	H 01 f	7/08
221	H 01 f	7/08
	H 01 h	51/32
222–227	H 01 f	7/08
228	H 01 f	7/08
		7/18
229–235	H 01 f	7/00
		7/08
236	H 01 f	3/12
		7/08
237, 238	H 01 f	7/08
239–242	H 01 f	7/18
243–246	H 01 f	7/10
247–249	H 01 f	7/12
250	H 01 f	7/10
251	H 01 f	3/00
		7/10
252	H 01 f	7/10
253	H 01 f	7/08
254	H 01 f	7/00
		7/08
255–262	H 01 f	3/00
		7/08
263	H 01 f	7/08
		7/16
264	H 01 f	3/00
		7/08
265	H 01 f	7/00
		7/08
266	H 01 f	5/00
		7/08
267	H 01 f	5/00
		7/00
		7/08
268	H 01 f	5/00
		7/18
269–271	H 01 f	7/08
272	H 01 f	7/08
		7/14
273	H 01 f	7/08
		7/13
274	H 01 f	7/08
		7/13
275, 276	H 01 f	7/08

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 335—Con.		
277	H 01 f	1/00
		3/00
		7/00
278	H 01 f	7/00
279	H 01 f	3/00
		7/08
280	H 01 f	3/00
		3/08
		7/08
281	H 01 f	3/00
		7/08
282	H 01 f	5/00
		7/08
283	H 01 f	7/00
		7/20
284	H 01 f	7/20
		13/00
285 – 287	H 01 f	7/20
288	H 01 f	7/02
		7/20
289 – 294	H 01 f	7/20
295	H 01 f	7/04
296	H 01 f	1/00
		3/00
		7/00
297, 298	H 01 f	3/00
299, 300	H 01 f	5/00
301	H 01 f	7/00
302	H 01 f	7/02
303	H 01 f	3/00
		7/02
304 – 306	H 01 f	7/02

U.S. Class 336

Inductor devices

(IPC H 01 f)

5 – 12	H 01 f	33/00
15 – 45	H 01 f	21/02
55	H 01 f	27/08
57 – 58	H 01 f	27/10
59	H 01 f	27/02
60 – 62	H 01 f	27/08
65 – 68	H 01 f	15/02
69 – 70	H 01 f	15/14
73	H 01 f	27/28
75 – 79	H 01 f	21/04
82 – 83	H 01 f	15/02
84	H 01 f	15/04
87	H 01 f	21/10
90 – 98	H 01 f	27/02
100	H 01 f	15/00
105	H 01 f	17/00
107	H 01 f	27/04
110	H 01 f	21/00
115 – 117	H 01 f	21/04
118 – 120	H 01 f	21/06
121 – 129	H 01 f	21/04
130 – 136	H 01 f	21/06
137	H 01 f	21/00
138	H 01 f	21/02
139 – 141	H 01 f	29/06
142 – 144	H 01 f	29/02
145 – 148	H 01 f	21/02
149	H 01 f	29/06
150	H 01 f	21/12
155 – 165	H 01 f	21/08
170 – 171	H 01 f	27/28
172	H 01 f	17/04
173 – 174	H 01 f	40/00
175 – 176	H 01 f	17/06
177	H 01 f	17/00
178	H 01 f	17/06
179	H 01 f	15/16
180	H 01 f	27/28
181	H 01 f	27/34
182 – 184	H 01 f	27/28
185	H 01 f	27/30
186 – 191	H 01 f	27/28
192	H 01 f	15/10
195	H 01 f	27/28
196 – 198	H 01 f	27/30
199	H 01 f	27/30
200	H 01 f	5/00
205 – 208	H 01 f	27/30
209	H 01 f	27/30
210	H 01 f	27/26
211 – 219	H 01 f	27/24
220	H 01 f	27/28
221	H 01 f	17/04
222 – 232	H 01 f	27/28
233 – 234	H 01 f	27/24

U.S. Class 337

Electricity, electrothermally or thermally actuated switches

(IPC H 01 h)

1	H 01 h	37/00
		61/00
		85/00
2, 3	H 01 h	37/00
		61/00
		71/00
4 – 11	H 01 h	85/00
12, 13	H 01 h	31/00
		37/00
		71/00
14	H 01 h	61/00
		71/00
15 – 20	H 01 h	61/00
		71/14
		79/00
21	H 01 h	87/00
22 – 27	H 01 h	61/00
28, 29	H 01 h	61/00
		71/00
30 – 35	H 01 h	39/00
36 – 50	H 01 h	61/00
		71/16
51	H 01 h	61/06
		81/00
52 – 71	H 01 h	71/16
72	H 01 h	71/16
		71/50
		73/22
		77/04
73	H 01 h	71/16
		75/08
		77/04
74 – 76	H 01 h	71/16
77	H 01 h	61/02
		71/16
78	H 01 h	61/00
		71/16
79	H 01 h	71/04
		71/16
		73/12
80	H 01 h	29/00
		71/16
81 – 84	H 01 h	61/00
		71/16
85	H 01 h	61/04
86 – 91	H 01 h	61/00
92	H 01 h	61/06
93, 94	H 01 h	61/08
95, 96	H 01 h	61/00
97	H 01 h	61/00
		71/16
98	H 01 h	61/00
		71/00
99	H 01 h	61/00
		71/22
100, 101	H 01 h	61/00
		71/16
		71/22
102 – 107	H 01 h	61/02
		63/013
		71/16
108	H 01 h	61/017
		61/02
		71/16
109	H 01 h	1/02
		1/06
		61/00
		71/16
110	H 01 h	9/30
		61/00
		71/00
111	H 01 h	61/00
		71/16
112	H 01 h	45/02
		61/00
		71/02
		71/16
113	H 01 h	61/01
		71/08
114	H 01 h	37/36
		61/00
		87/00
115	H 01 h	61/00
		87/00
116	H 01 h	61/06
		87/00
117 – 119	H 01 h	61/00
		87/00
120	H 01 h	61/02
		87/00
121, 122	H 01 h	61/00
		87/00
123	H 01 h	61/00
		71/18
124	H 01 h	61/00
		71/22
125	H 01 h	61/06
		81/02
126 – 137	H 01 h	61/00
		71/18
138	H 01 h	61/06
		81/00
139, 140	H 01 h	61/06
		71/18
141	H 01 h	61/02
142	H 01 h	85/00
143	H 01 h	71/20
		73/22
144, 145	H 01 h	71/20
146	H 01 h	71/20
		73/22
147, 148	H 01 h	71/20
149 – 155	H 01 h	71/20
		73/22
156 – 157	H 01 h	71/20
		73/24
158 – 160	H 01 h	85/04
161, 162	H 01 h	85/04
		85/12
163, 164	H 01 h	85/04
165	H 01 h	71/20
166, 167	H 01 h	85/04
168 – 179	H 01 h	71/10
		71/20
180, 181	H 01 h	71/08
		71/20
182 – 185	H 01 h	85/02
186	H 01 h	85/02
		85/20
187 – 189	H 01 h	85/02
		85/46
190	H 01 h	85/02
		85/36
191 – 196	H 01 h	85/02
		85/46
197 – 202	H 01 h	85/02
203	H 01 h	39/00
		85/02
204, 205	H 01 h	85/02
206	H 01 h	85/30
207	H 01 h	85/02
208 – 210	H 01 h	85/22
		85/48
211, 212	H 01 h	85/22
		85/54
213 – 215	H 01 h	85/50
		85/60
216	H 01 h	85/52
		85/62
217 – 219	H 01 h	71/20
		73/22
		85/02
220	H 01 h	73/22
		85/02
221	H 01 h	85/02

U.S. Class 337—Con.

U.S. Subclass	IPC Subclass	IPC Notation
		85/46
222–224	H 01 h	85/00
225, 226	H 01 h	85/24
227–229	H 01 h	85/14
230	H 01 h	85/26
231, 237	H 01 h	85/16
238–240	H 01 h	85/36
241	H 01 h	85/30
242	H 01 h	85/32
243, 244	H 01 h	85/30
245–250	H 01 h	85/14
251–254	H 01 h	85/16
255–256	H 01 h	85/14
257	H 01 h	85/14
		85/26
258, 259	H 01 h	85/26
260, 261	H 01 h	85/16
262, 263	H 01 h	85/24
264	H 01 h	85/22
265	H 01 h	85/30
266	H 01 h	85/32
267	H 01 h	85/30
268, 269	H 01 h	85/16
270–272	H 01 h	85/14
273–275	H 01 h	85/38
276	H 01 h	85/18
277	H 01 h	85/40
278	H 01 h	85/38
279	H 01 h	85/44
280	H 01 h	85/38
281	H 01 h	85/42
282	H 01 h	85/38
283	H 01 h	85/04
284	H 01 h	85/26
285–288	H 01 h	85/28
289	H 01 h	85/26
290–293	H 01 h	85/04
294, 295	H 01 h	
296, 297	H 01 h	85/04
298	H 01 h	37/00
299, 300	H 01 h	37/02
301	H 01 h	37/62
302, 303	H 01 h	37/02
304, 305	H 01 h	37/12
306–311	H 01 h	37/36
312–314	H 01 h	37/36
		37/74
315	H 01 h	37/44
		37/74
316, 317	H 01 h	37/36
318	H 01 h	37/36
		37/60
319, 218	H 01 f	37/60
319	H 01 h	37/12
		37/36
320	H 01 h	37/38
		37/40
321	H 01 h	37/38
		37/40
322	H 01 h	37/42
323	H 01 h	37/12
		37/36
324	H 01 h	37/14
		37/36
325	H 01 h	37/36
		37/74
326	H 01 h	37/36
327, 328	H 01 h	37/36
329	H 01 h	37/36
		37/64
330	H 01 h	37/12
		37/36
331	H 01 h	37/36
		37/64
332	H 01 h	37/08
		37/36
333	H 01 h	37/52
334	H 01 h	37/52
335	H 01 h	37/52
336	H 01 h	37/52
337	H 01 h	37/52
338	H 01 h	37/52
339	H 01 h	37/52
340	H 01 h	37/52
341	H 01 h	37/52
		37/62
342	H 01 h	37/74
343	H 01 h	37/74
344	H 01 h	37/66
		37/74
345	H 01 h	37/74
346	H 01 h	37/62
		37/74
347	H 01 h	37/12
		37/74
348	H 01 h	37/70
		37/74
349	H 01 h	37/12
		37/52
350	H 01 h	37/52
351	H 01 h	37/52
352	H 01 h	37/52
353	H 01 h	37/52
354	H 01 h	37/52
355	H 01 h	37/52
356	H 01 h	37/52
		37/74
357	H 01 h	37/22
		37/52
		37/74
358	H 01 h	37/52
		37/70
		37/74
359	H 01 h	37/52
		37/74
360	H 01 h	37/12
		37/52
361	H 01 h	37/12
		37/52
362	H 01 h	37/52
363	H 01 h	37/52
364	H 01 h	37/52
365	H 01 h	37/54
366	H 01 h	37/54
		37/66
367	H 01 h	37/54
		37/70
368	H 01 h	37/12
		37/54
369	H 01 h	37/52
370	H 01 h	37/52
371	H 01 h	37/52
372	H 01 h	37/04
		37/52
373	H 01 h	37/52
		37/64
374	H 01 h	37/02
		37/52
375	H 01 h	37/18
		37/52
376	H 01 h	37/08
		37/52
377	H 01 h	37/14
		37/52
378	H 01 h	37/10
		37/52
379	H 01 h	37/52
380	H 01 h	37/04
		37/52
381	H 01 h	37/04
		37/52
382	H 01 h	37/46
383	H 01 h	37/46
384	H 01 h	37/46
		37/74
385	H 01 h	37/46
		37/74
386	H 01 h	37/46
		37/74
387	H 01 h	37/46
		37/74
388	H 01 h	37/46
		37/74
389	H 01 h	37/46
		37/74
390	H 01 h	37/46
		37/60
		37/74
391	H 01 h	37/46
		37/60
		37/74
392	H 01 h	37/12
		37/46
393	H 01 h	37/46
394	H 01 h	37/48
395	H 01 h	37/50
396	H 01 h	37/46
397	H 01 h	37/46
398	H 01 h	37/04
		37/46
399	H 01 h	37/46
		37/64
400	H 01 h	37/46
		37/64
401	H 01 h	37/76
402	H 01 h	37/76
403	H 01 h	37/76
404	H 01 h	37/76
405	H 01 h	37/76
406	H 01 h	37/76
407	H 01 h	37/76
408	H 01 h	37/76
409	H 01 h	37/76
410	H 01 h	37/76
411	H 01 h	37/76
412	H 01 h	37/76
413	H 01 h	37/64
		37/76
414	H 01 h	37/76
415	H 01 h	37/76
416	H 01 h	37/76
417	H 01 h	37/02

U.S. Class 338

Electrical resistors

(IPC H 01 c)

U.S. Subclass	IPC Subclass	IPC Notation
1	H 01 c	15/02
2–5	G 01 l	1/22
6	G 01 b	7/16
7–10	H 01 c	7/06
11	H 01 c	1/08
12	H 01 c	1/12
13, 14	H 01 c	7/00
15–19	H 01 c	7/08
20	H 01 c	7/10
21	H 01 c	7/12
22, 23	H 01 c	7/04
24	H 01 c	7/10
25–31	H 01 c	7/00
32	H 01 c	7/16
33–46	H 01 c	13/00
47	H 01 c	9/06
48–50	H 01 c	13/00
51–58	H 01 c	1/08
59	H 01 c	1/00
60–63	H 01 c	3/02
64	H 01 c	1/06
65, 66	H 01 c	1/06
67–70	H 01 c	13/00
71	H 01 c	9/06
72	H 01 c	5/06
73, 74	H 01 c	5/02
75–79	H 01 c	13/00
80–86	H 01 c	11/00
87	H 01 c	13/00
88	H 01 c	9/00
89–91	H 01 c	5/00
92–97	H 01 c	13/00
98	H 01 c	1/00
99–101	H 01 c	9/06
102	H 01 c	9/02
103–113	H 01 c	9/06
114	H 01 c	13/00
115	H 01 c	9/00
116	H 01 c	13/00
117	H 01 c	5/02
118–156	H 01 c	5/00
157, 158	H 01 c	5/04
159	H 01 c	1/08
160–183	H 01 c	5/02
184	H 01 c	1/02
185–194	H 01 c	5/06
195	H 01 c	9/00
196	H 01 c	5/00
197	H 01 c	1/02
198	H 01 c	5/08

U.S. Class 338—Con.

U.S. Subclass	IPC Subclass	IPC Notation
199	H 01 c	1/02
200, 201	H 01 c	1/16
202	H 01 c	1/12
203	H 01 c	13/00
204, 205	H 01 c	9/00
206	H 01 c	13/00
207	H 01 c	7/00
208 – 210	H 01 c	3/00
211	H 01 c	7/00
212 – 214	H 01 c	3/00
215	H 01 c	1/16
216	H 01 c	1/16
217	H 01 c	1/00
218	H 01 c	3/00
219	H 01 c	13/00
220	H 01 c	13/00
221	H 01 c	13/00
222	H 01 c	11/00
223 – 225	H 01 c	7/00
226 – 276	H 01 c	1/02
277	H 01 c	1/00
278 – 291	H 01 c	3/00
292	H 01 c	7/00
293, 294	H 01 c	3/00
295	H 01 c	1/16
296 – 299	H 01 c	3/00
300	H 01 c	7/00
301 – 305	H 01 c	3/00
306 – 314	H 01 c	7/00
315 – 320	H 01 c	1/02
321	H 01 c	1/00
322 – 327	H 01 c	1/14
328	H 01 c	7/00
329 – 332	H 01 c	1/14
333	H 01 c	1/00
334	H 01 c	13/00

U.S. Class 339

Electrical connectors

(IPC H 01 r)

U.S. Subclass	IPC Subclass	IPC Notation
1 – 8	H 01 r	39/00
9	H 01 r	41/00
10, 11	H 01 r	33/00
12	H 01 r	11/30
13	H 01 r	15/00
14	H 01 r	3/06
15, 16	H 01 r	3/04
17	H 05 k	1/00
18	H 01 r	25/00
		29/00
19	H 01 r	31/08
20, 21	H 01 r	9/00
22 – 24	H 01 r	13/60
25	H 01 r	13/46
26, 27	H 01 r	13/44
28, 29	H 01 r	11/00
30	H 01 r	13/20
31	H 01 r	29/00
32, 33	H 01 r	27/00
34 – 44	H 01 r	13/44
		13/60
45	H 01 r	13/62
46	H 01 r	13/62
47 – 49	H 01 r	25/00
50 – 53	H 01 r	33/08
54	H 01 r	33/10
55	H 01 r	33/06
56	H 01 r	33/12
57	H 01 r	33/08
58 – 63	H 01 r	11/02
64	H 01 r	21/28
65, 66	H 01 r	13/20
67	H 01 r	7/30
68	H 01 r	17/20
69 – 73	H 01 r	25/00
74	H 01 r	13/62
75 – 89	H 01 r	13/54
90	H 01 r	7/32
91, 92	H 01 r	13/54
93	H 01 r	33/12
94	H 01 r	7/02
95 – 100	H 01 r	9/06
		11/20
101	H 01 r	13/56
102 – 107	H 01 r	13/58
108 – 110	H 01 r	13/00
111	H 01 r	13/52
112	H 01 r	13/00
113	H 01 r	3/00
114 – 116	H 01 r	3/02
117, 118	H 01 r	3/04
119 – 124	H 01 r	13/60
125 – 135	H 02 b	1/02
136 – 143	H 01 r	13/46
144 – 146	H 01 r	33/74
147	H 01 r	3/00
148	H 01 r	11/00
149 – 156	H 01 r	13/50
157	H 01 r	21/02
158 – 162	H 01 r	13/50
163	H 01 r	23/04
164 – 176	H 01 r	13/50
177	H 01 r	17/18
178 – 180	H 01 r	17/20
181	H 01 r	17/22
182	H 01 r	13/50
183	H 01 r	17/18
184	H 01 r	13/64
185 – 187	H 01 r	13/50
188	H 01 r	33/46
189 – 191	H 01 r	13/50
192	H 01 r	33/72
193, 194	H 01 r	13/50
195, 156	H 01 r	33/04
197	H 02 g	3/20
198	H 01 r	9/00
199, 200	H 01 r	13/50
201	H 01 r	5/10
202	H 01 r	5/12
203	H 01 r	5/10
204 – 216	H 01 r	13/50
217 – 221	H 01 r	9/08
222	H 01 r	31/08
223	H 01 r	15/12
224 – 240	H 01 r	11/26
241 – 245	H 01 r	13/12
		13/14
		13/24
246	H 01 r	7/24
247 – 251	H 01 r	13/24
252	H 01 r	11/22
253 – 262	H 01 r	11/22
263, 264	H 01 r	7/08
265	H 01 r	7/26
266 – 268	H 01 r	7/08
269	H 01 r	7/16
270	H 01 r	7/06
271	H 01 r	7/16
272	H 01 r	7/12
273, 274	H 01 r	7/06
275	H 01 r	5/04
276	H 01 r	5/00
		11/08
277	H 01 r	9/22
278	H 01 r	3/00

U.S. Class 340

Communications, electrical

(IPC G 08)

U.S. Subclass	IPC Subclass	IPC Notation
1	G 01 s	9/66
2	G 01 s	1/72
3	G 01 s	9/66
4 – 14	G 01 v	1/00
	H 04 b	13/00
15	H 04 b	11/00
15.5	G 01 v	1/00
16	G 01 s	3/80
17	G 01 v	1/16
18	G 01 v	1/40
19	B 66 b	3/00
20	B 66 b	1/00
21	B 66 b	3/02
22	G 08 g	
23 – 24	G 08 g	1/12
25 – 28	G 08 g	5/00
29	G 08 g	3/00
30	B 63 h	25/36
31 – 45	G 08 g	1/00
46	B 60 q	9/00
47	B 61 l	
48	B 61 l	15/00
49 – 50	B 61 l	29/24
51	G 08 g	1/14
52 – 57	B 60 q	1/00
58	B 60 c	23/00
59 – 62	B 60 q	1/00
63	B 60 r	25/00
64	B 60 r	25/04
65	B 60 r	25/00
66 – 68	B 60 q	1/00
69	B 60 q	1/44
70 – 72	B 60 q	1/26
73	B 60 q	1/34
74	B 60 q	1/26
75	B 60 q	1/26
76	B 60 q	1/46
77 – 80	B 60 q	1/26
81 – 83	B 60 q	1/46
84 – 113	B 60 q	1/00
114 – 119	E 01 f	9/00
120 – 133	G 08 b	5/22
134	B 62 j	3/00
		5/00
135	B 60 q	1/00
136	G 08 b	5/06
137 – 146	G 08 b	5/00
146.1	G 06 f	11/00
	G 08 b	29/00
146.2	G 06 f	7/02
146.3	G 06 k	9/00
147 – 172	H 04 q	
172.5	G 06 f	1/00
		7/00
		15/00
	G 11 b	13/00
173	G 11 b	
	G 11 c	
173.1	G 11 b	9/00
		9/04
173.2	G 11 b	9/02
174	G 11 b	5/00
174.1	G 11 b	5/00
175 – 176	H 04 q	
177	G 08 c	
178 – 181	G 08 c	
182	G 08 c	15/00
		17/00
		19/00
183	G 08 c	15/06
184 – 185	G 08 c	15/00
		17/00
		19/00
186 – 202	G 08 c	
203 – 206	G 08 c	19/16
207 – 212	G 08 c	
213	G 08 b	
213.1	G 08 b	25/00
	H 04 q	9/00
213.2	G 08 b	25/00
	H 04 q	9/00
215 – 219	G 08 b	17/06
		25/00
220 – 221	G 08 b	
222	G 05 b	
	G 08 b	
223	G 08 b	23/00
225	G 08 b	
	G 09 f	9/00
226	G 08 b	25/00
	H 04 q	9/00
227 – 256	G 08 b	21/00
257		
258	G 08 b	13/00
259 – 271	G 08 b	21/00
272	G 08 b	13/10
273, 274	G 08 b	13/08
275	G 08 b	21/00
276 – 277	G 08 b	13/00
278	G 08 b	5/00
279 – 285	G 08 b	21/00
286	G 08 b	

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 340—Con.		
287–309	G 08 b	25/00
309.1–309.6	G 08 b	1/00
310	H 04 m	11/04
311	H 04 m	11/02
312	G 08 b	27/00
313–325	G 08 b	23/00
326, 327	G 08 b	27/00
328, 329	G 08 b	3/00
330	G 08 b	3/00
		5/00
331–332	G 08 b	5/00
	H 05 b	39/00
		41/00
333	G 08 b	1/00
334–344	G 09 b	13/00
	H 05 b	39/00
		41/00
345–365	G 08 c	1/00
347	G 08 c	5/00
		9/00
		11/00
	H 03 k	13/00
	H 04 l	3/00
366	G 08 b	5/00
371	G 08 b	7/00
372–380	G 08 b	5/00
381	G 09 f	9/14
382	G 08 b	5/00
383	G 09 f	13/04
384	G 08 b	3/00
385	G 01 v	1/10
	G 08 b	3/00
386	G 01 v	1/12
	G 08 b	3/00
387	G 08 b	
388–391	G 08 b	3/00
	G 10 k	9/00
392–401	G 08 b	3/00
	G 10 k	1/00
		3/00
402, 403	G 01 k	1/08
	G 08 b	3/00
404	G 08 b	3/00
	G 10 k	9/00
405	G 08 b	3/00
	G 10 k	7/00
406	G 08 b	3/00
	G 10 k	5/00
407	G 08 b	
408	G 08 b	25/00
	H 04 q	9/00
409–411	G 08 b	29/00
412–415	G 08 b	19/00
	H 04 q	3/00
416, 224	G 08 b	1/08
417–419	G 05 b	
	G 08 b	
420	G 08 b	19/00
421	G 08 b	21/00

U.S. Class 343

Communications, radio wave

(IPC G 01 s)

5–6	G 01 s	9/00
6.5	G 01 s	9/56
6.8	G 01 s	9/56
7	G 01 s	9/02
7.3–7.6	G 01 s	9/02
7.7	G 01 s	9/42
7.9	G 01 s	7/20
8, 9	G 01 s	9/44
10	G 01 s	9/04
11	G 01 s	9/06
12	G 01 s	9/04
13	G 01 s	9/06
14	G 01 s	9/23
		9/24
15	G 01 s	9/04
16	G 01 s	9/02
17	G 01 s	7/04
17.1, 17.2	G 01 s	7/28
17.5	G 01 s	9/23
		9/24
17.7	G 01 s	7/40
18	G 01 s	7/36
		7/42
	H 01 q	15/18
		17/00
100	H 04 b	7/00
101	G 01 s	1/02
102	G 01 s	1/08
103	G 01 s	1/24
104	G 01 s	1/22
105	G 01 s	1/30
106	G 01 s	1/44
107	G 01 s	1/08
108	G 01 s	1/16
		1/18
109	G 01 s	1/14
110	G 01 s	1/10
111	G 01 s	1/12
112	G 01 s	3/02
113–118	G 01 s	5/02
119–124	G 01 s	5/04
175–177	H 04 l	5/00
178	H 04 l	5/22
179–181	H 04 l	5/00
200	H 04 j	
201, 202	H 04 l	5/00
203–208	H 04 j	
225–228	H 04 b	7/00
700	H 01 q	
701	H 01 q	1/26
702	H 01 q	1/24
703	G 01 r	
704	H 01 q	1/02
705, 706	H 01 q	1/28
707	H 01 q	1/30
708	H 01 q	1/28
709, 710	H 01 q	1/34
711–717	H 01 q	1/32
718	H 01 q	1/12
719	H 01 q	1/04
720	H 01 q	1/00
721	H 01 q	1/06
722	H 01 q	1/00
723	H 01 q	11/12
724	H 01 q	1/00
725–728	H 01 q	21/00
729, 730	H 01 q	1/00
731, 732	H 01 q	11/02
733–736	H 01 q	11/06
737, 738	H 01 q	11/02
739–740	H 01 q	11/02
741–744	H 01 q	11/12
745	H 01 q	9/00
746	H 01 q	13/10
747	H 01 q	9/16
748	H 01 q	7/00
749–752	H 01 q	9/00
753, 754	H 01 q	19/06
755	H 01 q	19/10
756	H 01 q	19/00
757, 758	H 01 q	3/00
759	H 01 q	3/10
760	H 01 q	3/00
761	H 01 q	3/12
762–766	H 01 q	3/00
767–768	H 01 q	13/10
769	H 01 q	13/12
770, 771	H 01 q	13/10
772–774	H 01 q	13/00
775	H 01 q	19/14
776–778	H 01 q	13/00
779	H 01 q	19/14
780	H 01 q	13/00
781	H 01 q	19/14
782	H 01 q	19/14
783–786	H 01 q	13/00
787	H 01 q	1/00
788	H 01 q	7/08
789	H 01 q	1/42
790, 791	H 01 q	9/04
792	H 01 q	9/16
792.5	H 01 q	11/10
793	H 01 q	9/16
794	H 01 q	21/00
795	H 01 q	9/28
796	H 01 q	21/20
797, 798	H 01 q	21/26
799, 800	H 01 q	21/20
801, 802	H 01 q	9/16
803	H 01 q	9/26
805	H 01 q	9/44
806	H 01 q	9/16
807	H 01 q	9/28
808	H 01 q	9/28
809	H 01 q	9/44
810	H 01 q	21/00
811	H 01 q	11/04
812–815	H 01 q	21/12
816, 817	H 01 q	21/00
818	H 01 q	19/10
819	H 01 q	19/30
820–823	H 01 q	9/16
824	H 01 q	21/08
825	H 01 q	9/04
826	H 01 q	21/00
827	H 01 q	21/10
828	H 01 q	9/30
829, 830	H 01 q	9/38
831	H 01 q	9/30
832	H 01 q	19/10
833	H 01 q	19/00
834	H 01 q	19/10
835, 836	H 01 q	21/00
837–839	H 01 q	19/10
840	H 01 q	19/12
841	H 01 q	1/52
842	H 01 q	7/04
843	H 01 q	11/00
844	H 01 q	21/00
845–849	H 01 q	1/48
850	H 01 q	1/50
851	H 01 q	1/52
852	H 01 q	1/50
853	H 01 q	21/00
854	H 01 q	3/26
855	H 01 q	21/00
856	H 01 q	1/44
857–864	H 01 q	1/50
865	H 01 q	9/16
867	H 01 q	21/00
868–870	H 01 q	7/00
871	H 01 q	7/02
872	H 01 q	1/42
873	H 01 q	1/40
874, 875	H 01 q	9/34
876	H 01 q	3/24
877, 878	H 01 q	1/12
879	H 01 q	21/00
880, 881	H 01 q	1/08
882	H 01 q	3/02
883	H 01 q	1/10
884	H 01 q	1/22
885	H 01 q	1/50
886	H 01 q	1/14
887, 888	H 01 q	1/12
889	H 01 q	1/10
890–892	H 01 q	1/12
893	H 01 q	21/00
894	G 01 r	
895–899	H 01 q	1/36
900	H 01 q	9/30
901–903	H 01 q	1/10
904, 905	H 01 q	1/00
906	H 01 q	1/50
907	H 01 q	1/00
908	H 01 q	1/36
909, 910	H 01 q	15/02
		15/24
911	H 01 q	15/08
912–914	H 01 q	15/14
915	H 01 q	15/20
916	H 01 q	15/14

U.S. Class 346

Recorders

(IPC G 01 d)

1–38	G 01 d	9/00
40–43	G 01 d	9/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 346—Con.		
44	G 01 d	9/04
		9/08
45–64	G 01 d	9/28
		9/36
65–73	G 01 d	9/00
74	G 01 d	15/06
		15/08
		15/12
75	G 01 d	15/18
76	G 01 d	15/10
77	G 01 d	15/02
78–106	G 01 d	15/04
		15/20
107–110	G 01 d	9/42
111–133	G 01 d	15/16
134–138	G 01 d	15/24
		15/26
		15/34
139–140	G 01 d	15/16
		15/18
141–142	G 01 d	15/02
		15/04
143	G 01 d	15/16
		15/18
144–145	G 01 d	15/00
146	G 01 d	9/00
U.S. Class 350		
Optics, systems and elements (IPC G 02 b)		
1	G 02 b	5/20
		13/14
2	G 02 b	3/00
3	G 02 b	
3.5	G 02 b	
4	G 02 b	27/08
5	G 02 b	27/08
6	G 02 b	17/00
7	G 02 b	17/00
8	G 02 b	21/00
		23/00
9	G 02 b	23/00
0		
10	G 02 b	27/32
11	G 02 b	27/32
12	G 02 b	21/06
13	G 02 b	21/14
14	G 02 b	21/06
15	G 02 b	21/06
16	G 02 b	23/00
17	G 02 b	21/06
18	G 02 b	21/00
		23/00
19	G 02 b	21/00
		23/00
20	G 02 b	21/00
		23/00
21	G 02 b	13/06
22	G 02 b	23/02
23	G 02 b	23/02
24	G 02 b	23/02
25	G 02 b	23/02
26	G 02 b	23/02
27	G 02 b	17/00
28	G 02 b	17/00
29	G 02 b	17/00
30	G 02 b	21/18
31	G 02 b	21/18
		23/00
32	G 02 b	23/00
33	G 02 b	23/00
34	G 02 b	7/88
		23/02
35	G 02 b	21/20
		23/00
36	G 02 b	21/20
		23/00
37	G 02 b	7/04
		15/02
38	G 02 b	7/04
		15/02
39	G 02 b	7/04
		15/02
40	G 02 b	7/04
		15/00
41	G 02 b	7/04
42	G 02 b	7/04
		7/10
43	G 02 b	7/04
		15/00
44	G 02 b	7/04
45	G 02 b	23/00
46	G 02 b	7/04
47	G 02 b	7/04
48	G 02 b	17/00
		23/02
49	G 02 b	17/00
		23/02
50	G 02 b	17/00
		23/02
51	G 02 b	17/00
		23/02
52	G 02 b	23/08
53	G 02 b	17/00
		23/02
54	G 02 b	21/00
		23/00
55	G 02 b	17/00
56	G 02 b	23/16
57	G 02 b	23/16
58	G 02 b	
	G 03 b	11/04
59	G 02 b	
	G 03 b	11/04
60	G 02 b	
	G 03 b	11/04
61	G 02 b	
62	G 02 b	
63	G 02 b	
64	G 02 b	
65	G 02 b	
	G 03 b	11/04
66	G 02 b	
67	G 02 b	
68	G 02 b	23/02
69	G 02 b	7/02
70	G 02 b	7/02
71	G 02 b	7/02
72	G 02 b	7/02
73	G 02 b	7/02
74	G 02 b	7/06
75	G 02 b	7/12
76	G 02 b	7/06
77	G 02 b	7/06
78	G 02 b	7/04
79	G 02 b	7/04
80	G 02 b	7/00
81	G 02 b	7/00
82	G 02 b	21/24
		23/16
83	G 02 b	21/24
		23/16
84	G 02 b	21/24
		23/16
85	G 02 b	21/24
		23/16
86	G 02 b	21/26
87	G 02 b	21/06
88	G 02 b	21/06
89	G 02 b	21/10
90	G 02 b	21/24
		21/32
91	G 02 b	21/06
92	G 02 b	21/34
93	G 02 b	21/34
94	G 02 b	21/34
95	G 02 b	21/34
96	G 02 b	5/14
97	G 02 b	5/12
98	G 02 b	5/12
99	G 02 b	5/12
100	G 02 b	17/02
101	G 02 b	5/12
102	G 02 b	5/12
103	G 02 b	5/12
104	G 02 b	5/12
105	G 02 b	5/12
106	G 02 b	5/12
107	G 02 b	5/12
108	G 02 b	5/12
109	G 02 b	5/12
110	G 02 b	27/02
111	G 02 b	5/30
		27/02
112	G 02 b	17/04
		27/02
113	G 02 b	17/06
		27/02
114	G 02 b	27/02
115	G 02 b	27/02
116	G 02 b	27/02
117	G 03 b	21/56
118	G 03 b	21/56
119	G 03 b	21/56
120	G 03 b	21/56
121	G 03 b	21/56
122	G 03 b	21/56
123	G 03 b	21/56
124	G 03 b	21/56
125	G 03 b	21/56
126	G 03 b	21/60
127	G 03 b	21/60
128	G 03 b	21/60
129	G 03 b	21/60
130	G 02 b	27/22
131	G 02 b	27/22
132	G 02 b	27/22
		27/26
133–135	G 02 b	27/22
136	G 02 b	27/22
137, 138	G 02 b	27/24
139, 140	G 02 b	27/22
141–144	G 02 b	27/22
145	G 02 b	27/02
146	G 02 b	25/00
147, 148	G 02 b	5/30
		27/28
149	G 02 f	1/24
150	G 02 f	1/26
151	G 02 f	1/22
152, 153	G 02 b	5/30
		27/28
154	G 02 b	5/30
		27/28
155	G 02 b	5/30
156	G 02 b	27/28
157, 158	G 02 b	1/24
159	G 02 b	5/30
		27/28
160	G 02 f	1/28
		1/36
161	G 02 f	1/28
162	G 02 b	5/18
163	G 02 b	27/00
164, 165	G 02 b	1/10
166	G 02 b	5/28
167	G 02 b	27/00
168	G 02 b	5/04
169	G 02 b	27/10
170	G 02 b	27/12
171–174	G 02 b	27/14
175	G 02 b	3/00
		9/00
176, 177	G 02 b	1/00
178	B 29 d	11/00
179, 180	G 02 b	1/06
		3/12
181	G 02 b	13/08
182	G 02 b	13/10
183	G 02 b	15/02
184–187	G 02 b	15/00
188	G 02 b	13/20
189	B 29 d	13/18
	G 02 b	3/04
190, 191	G 02 b	3/06
		13/18
192	G 02 b	3/04
		13/18
193	G 02 b	3/00
		13/18
194	G 02 b	3/10
195	G 02 b	3/00
		13/14
196	G 02 b	3/00
		5/20

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 350—Con.		
197	G 02 b	13/00
198	G 02 b	13/06
199, 200	G 02 b	17/00
201 – 204	G 02 b	17/00
205 – 210	G 02 b	9/00
		9/08
211	G 02 b	3/08
212, 213	G 02 b	3/00
214	G 02 b	9/00
215	G 02 b	9/62
216 – 219	G 02 b	9/60
220	G 02 b	9/34
221, 222	G 02 b	9/36
223, 224	G 02 b	9/34
225	G 02 b	9/12
226, 227	G 02 b	9/14
228, 229	G 02 b	9/12
230	G 02 b	9/04
231	G 02 b	9/06
232	G 02 b	9/04
233	G 02 b	3/00
		11/00
234	G 02 b	3/00
		11/06
		11/20
		11/30
		11/32
		11/34
235 – 240	G 02 b	27/02
241	G 02 b	27/02
242 – 257	G 02 b	7/02
258 – 262	G 02 b	17/00
		27/00
263	G 02 b	27/00
264, 265	G 02 b	17/00
266 – 275	G 02 f	1/30
276	G 02 b	27/00
277 – 284	G 02 b	17/00
285	G 02 f	1/34
286	G 02 b	5/04
287	G 02 b	7/18
288, 289	G 02 b	5/08
		5/12
290	G 02 b	5/26
291, 292	G 02 b	5/08
293 – 296	G 02 b	5/10
297	G 02 b	
298	G 02 b	7/18
299 – 309	G 02 b	5/08
		5/10
310	G 02 b	5/08
311	G 02 b	5/20
312	G 02 b	5/24
313 – 317	G 02 b	5/22
318	G 02 b	7/00
319	G 02 b	5/00
		7/00
		27/00
320, 321	G 02 b	/00

U.S. Class 351

Optics, eye examining, vision testing and correcting

(IPC G 02 c)

1, 2	A 61 b	3/00
3, 4	A 61 b	3/08
5, 6	A 61 b	3/10
7	A 61 b	3/14
8 – 16	A 61 b	3/10
17, 18	A 61 b	3/02
19 – 22	A 61 b	3/04
23 – 37	A 61 b	3/02
38 – 40	A 61 b	3/00
41	G 02 c	
42	G 02 c	13/00
43	G 02 c	1/00
44	G 02 c	7/10
45, 46	G 02 c	7/16
47, 48	G 02 c	9/00
49	G 02 c	7/12
50	G 02 c	7/14
51, 52	G 02 c	11/02
53	G 02 c	7/00
54, 55	G 02 c	7/06
56	G 02 c	3/04
57, 58	G 02 c	7/08
59	G 02 c	9/02
60	G 02 c	1/00
61	G 02 c	7/02
62	G 02 c	11/08
63, 64	G 02 c	5/08
65 – 89	G 02 c	1/00
90 – 102	G 02 c	1/08
103 – 109	G 02 c	1/04
110	G 02 c	1/02
111, 112	G 02 c	5/14
113, 114	G 02 c	5/16
115	G 02 c	5/20
116	G 02 c	5/14
117	G 02 c	5/18
118	G 02 c	5/20
119 – 123	G 02 c	5/14
124	G 02 c	5/02
125	G 02 c	5/10
126	G 02 c	5/06
127	G 02 c	5/08
128	G 02 c	5/04
129 – 135	G 02 c	5/02
136 – 139	G 02 c	5/12
140 – 152	G 02 c	5/00
153	G 02 c	5/22
154	G 02 c	5/00
155 – 157	G 02 c	3/00
158	G 02 c	1/00
159	G 02 c	7/02
160 – 162	G 02 c	7/04
163 – 165	G 02 c	7/10
166, 167	G 02 c	7/02
168 – 172	G 02 c	7/06
173 – 177	G 02 c	7/02
178	G 02 c	13/00

U.S. Class 352

Optics, motion pictures

(IPC G 03 b)

1 – 25	G 03 b	31/00
26 – 30	G 03 b	31/02
31 – 33	G 03 b	31/04
34 – 37	G 03 b	31/00
38, 39	G 03 b	19/18
		21/32
40 – 43	G 03 b	21/32
44 – 55	G 03 b	19/18
56	G 03 b	11/00
57 – 59	G 03 b	35/00
60, 61	G 03 b	35/08
		35/18
62 – 65	G 03 b	35/02
		35/16
66, 67	G 03 b	33/00
68	G 03 b	41/00
69	G 03 b	37/00
70, 71	G 03 b	37/04
72 – 78	G 03 b	23/02
79 – 84	G 03 b	41/00
85 – 88	G 03 b	21/32
89	A 63 j	5/00
90	G 03 b	21/32
91	G 03 b	21/36
92	G 03 b	21/50
93, 94	G 03 b	19/18
95	G 03 b	19/18
		21/00
96	G 03 b	21/06
97	G 03 b	19/24
		21/02
98 – 103	G 03 b	25/00
104	G 03 b	21/10
105, 106	G 03 b	41/02
107, 108	G 03 b	41/06
109 – 112	G 03 b	41/10
113 – 120	G 03 b	41/04
121, 122	G 03 b	17/46
123	G 03 b	21/04
124, 125	G 03 b	23/00
126 – 129	G 03 b	21/00
130	G 03 c	11/00
131, 132	G 03 b	29/00
133 – 138	G 03 b	19/18
		21/32
139, 140	G 03 b	3/00
141	G 03 b	7/08
142	G 03 b	3/00
143 – 145	G 03 b	21/18
146 – 148	G 03 b	21/16
149 – 155	G 03 b	21/18
156	G 03 b	1/00
157	G 03 b	1/56
158	G 03 b	1/58
159	G 03 b	1/56
160 – 165	G 03 b	21/46
166 – 168	G 03 b	1/00
169	G 03 b	21/38
170 – 172	G 03 b	1/60
173 – 179	G 03 b	1/00
180 – 182	G 03 b	21/48
183, 184	G 03 b	1/00
185	G 03 b	1/34
186 – 190	G 03 b	1/24
191 – 196	G 03 b	1/22
197	G 03 b	1/00
198 – 203	G 03 b	21/00
		21/20
204 – 206	G 03 b	9/08
207	G 03 b	9/28
		9/36
208 – 220	G 03 b	9/10
221	G 03 b	1/48
222	G 03 b	1/52
223 – 231	G 03 b	1/48
232 – 241	G 03 c	1/76
242	G 03 b	17/02
		21/14
243	G 03 b	17/00
		21/00
244	G 03 b	
	G 03 c	

U.S. Class 353

Optics, image projectors

(IPC G 03 b)

1 – 3	G 03 b	21/00
4	G 03 b	23/08
5 – 14	G 03 b	21/00
15 – 16	G 03 b	31/00
17	G 03 b	21/30
		31/00
18	G 03 b	21/22
		31/00
19	G 03 b	31/06
20	G 03 b	21/14
21	G 03 b	21/00
22	G 03 b	21/14
23 – 24	G 03 b	1/48
		21/14
25	G 03 b	23/02
		23/04
		23/06
26	G 03 b	23/12
27	G 03 b	23/08
28 – 30	G 03 b	21/26
31 – 33	G 03 b	21/00
34 – 36	G 03 b	21/26
37	G 03 b	21/26
		21/28
38	G 03 b	21/14
39	G 02 b	21/36
40, 41	G 03 b	21/00
42	G 03 b	21/00
45, 46	G 03 b	21/00
47	G 03 b	21/22
48, 49	G 03 b	21/14
		21/26
50, 51	G 03 b	21/28
52	G 03 b	21/16
		21/18
53 – 59	G 03 b	21/18

U.S. Class 353—Con.

U.S. Subclass	IPC Subclass	IPC Notation
		21/26
60, 61	G 03 b	21/16
		21/18
62	G 03 b	21/00
63	G 03 b	21/08
64	G 03 b	21/08
		21/28
65	G 03 b	21/06
66	G 03 b	21/06
		21/28
67	G 03 b	21/06
		21/22
		21/28
68	G 03 b	21/00
		23/00
69, 70	G 03 b	21/00
		21/14
71	G 03 b	21/22
72	G 03 b	21/30
73	G 03 b	21/28
		21/30
74 – 76	G 03 b	21/22
77, 78	G 03 b	21/22
		21/28
79, 80	G 03 b	21/24
81	G 03 b	21/28
82 – 84	G 03 b	21/14
85 – 87	G 03 b	21/20
88	G 03 b	21/14
89 – 91	G 03 b	21/14
92	G 03 b	21/14
		23/04
93	G 03 b	21/14
		23/16
94	G 03 b	21/26
95, 96	G 03 b	1/48
		1/50
		1/52
97	G 03 b	21/14
98, 99	G 03 b	21/28
100	G 03 b	21/14
101	G 03 b	3/00
		21/14
102	G 03 b	21/20
103, 104	G 03 b	23/00
105, 106	G 03 b	23/02
		23/04
107	G 03 b	23/06
108	G 03 b	23/10
109	G 03 b	23/08
110	G 03 b	23/10
111	G 03 b	23/02
112	G 03 b	23/02
113	G 03 b	23/02
114	G 03 b	23/14
115	G 03 b	23/04
116	G 03 b	23/04
117	G 03 b	23/06
118	G 03 b	23/00
119	G 03 b	21/14
		21/22
120	G 03 b	21/00
121	G 03 b	21/00
122	G 03 b	21/00

U.S. Class 355

Photocopying

(IPC G 03 b)

U.S. Subclass	IPC Subclass	IPC Notation
1	G 03 b	27/00
2	G 03 b	27/00
		27/02
		27/32
3 – 9	G 03 g	15/00
10	G 03 g	9/04
		13/10
		15/10
11 – 16	G 03 g	15/00
17	G 03 g	13/00
18	G 03 b	27/00
19	G 03 b	27/00
		27/02
		27/32
20	G 03 b	27/76
		27/78
21	G 03 b	27/52
22	G 03 b	27/32
		35/14
23 – 27	G 03 b	27/32
		27/52
28, 29	G 03 b	29/00
30	G 03 b	27/52
31	G 03 b	27/32
		27/50
32	G 03 b	27/32
		27/52
33	G 03 b	27/32
		27/46
		27/52
34	G 03 b	27/46
		27/76
35, 36	G 03 b	27/76
37	G 03 b	27/54
		27/76
38	G 03 b	27/78
39	G 03 b	27/32
		27/52
40 – 42	G 03 b	27/52
43	G 03 b	27/52
		27/70
44	G 03 b	13/24
		13/26
45	G 03 b	13/28
46	G 03 b	27/44
47	G 03 b	27/58
		27/62
48	G 03 b	27/48
		27/50
49	G 03 b	27/48
		27/50
		27/70
50	G 03 b	27/48
		27/50
51	G 03 b	27/48
		27/50
		27/70
52	G 03 b	27/68
53	G 03 b	27/42
54	G 03 b	27/44
55	G 03 b	27/52
56	G 03 b	27/34
		27/40
57	G 03 b	27/34
		27/40
		27/70
58	G 03 b	27/36
		27/38
59	G 03 b	27/36
		27/38
60	G 03 b	27/70
61 – 63	G 03 b	27/52
64	G 03 b	27/32
		27/52
65, 66	G 03 b	27/70
67	G 03 b	27/54
68	G 03 b	27/74
		27/78
69	G 03 b	27/76
70	G 03 b	27/54
71	G 03 b	27/76
72	G 03 b	27/58
73	G 03 b	27/60
74	G 03 b	27/58
75	G 03 b	27/62
76	G 03 b	27/62
		27/64
77	G 03 b	27/32
78, 79	G 03 b	27/02
80	G 03 b	27/76
81	G 03 b	27/78
82	G 03 b	27/04
83	G 03 b	27/78
84	G 03 b	27/10
85	G 03 b	27/04
86	G 03 b	27/04
87	G 03 b	27/20
88, 89	G 03 b	27/04
90	G 03 b	27/08
91 – 94	G 03 b	27/20
95	G 03 b	27/04
96	G 03 b	27/06
97	G 03 b	27/04
98	G 03 b	27/08
99	G 03 b	27/04
100	G 03 b	27/30
101	G 03 b	27/04
102	G 03 b	27/06
103	G 03 b	27/10
104	G 03 b	27/22
105	G 03 b	27/10
106, 107	G 03 b	27/30
108	G 03 b	27/10
109	G 03 b	27/12
110	G 03 b	27/10
111	G 03 b	27/10
112	G 03 b	27/14
113	G 03 b	27/04
114	G 03 b	27/04
115	G 03 b	27/72
116	G 03 b	27/04
117	G 03 b	27/22
118	G 03 b	27/04
119	G 03 b	27/16
120 – 124	G 03 b	27/04
125, 126	G 03 b	27/28
127 – 131	G 03 b	27/04
132	G 03 b	27/02
133	G 03 b	

U.S. Class 356

Optics, measuring and testing

(IPC G 01 j)

U.S. Subclass	IPC Subclass	IPC Notation
1	G 01 c	3/00
		5/00
2	G 01 c	11/12
3	G 01 c	3/00
		5/00
4	G 01 c	3/08
5	G 01 c	3/08
6	G 01 c	25/00
7	G 01 c	3/02
8	G 01 c	3/04
9	G 01 c	3/10
10	G 01 c	3/02
11	G 01 c	3/20
12	G 01 c	3/14
13	G 01 c	3/14
14	G 01 c	3/14
15	G 01 c	3/24
16	G 01 c	3/12
17	G 01 c	3/12
18	G 01 c	3/02
19	G 01 c	3/12
20	G 01 c	3/10
		3/22
		3/24
		3/26
		5/00
		5/02
21	G 01 c	3/22
		3/26
		5/00
		5/02
22	G 01 c	3/22
		3/26
		5/00
		5/02
23	G 01 p	3/40
24	G 01 p	3/40
25	G 01 p	3/40
26	G 01 p	3/40
27	G 01 p	3/36
28	G 01 p	3/36
29	G 01 p	3/36
30	G 01 n	21/00
31	G 01 n	21/00
32	G 01 b	11/16
33	G 01 b	11/18
34	G 01 b	11/18
35	G 01 b	11/18
36	G 01 n	1/00
37	G 01 n	1/00

U.S. Class 356—Con.

U.S. Subclass	IPC Subclass	IPC Notation
38	G 01 n	1/00
		33/28
39	G 01 n	33/16
40	G 01 n	33/16
41	G 01 n	33/16
42	G 01 n	33/16
43	G 01 j	5/48
44	G 01 j	5/48
45	G 01 j	5/60
46	G 01 j	5/52
47	G 01 j	5/56
48	G 01 j	5/52
		5/62
49	G 01 j	5/54
50	G 01 j	5/56
51	G 01 n	21/34
52	A 01 k	43/00
	G 01 n	33/08
53	A 01 k	43/00
	G 01 n	33/08
54	A 01 k	43/00
	G 01 n	33/08
55	A 01 k	43/00
	G 01 n	33/08
56	A 01 k	43/00
	G 01 n	33/08
57	A 01 k	43/00
	G 01 n	33/08
58	A 01 k	43/00
	G 01 n	33/08
59	A 01 k	43/00
	G 01 n	33/08
60	A 01 k	43/00
	G 01 n	33/08
61	A 01 k	43/00
	G 01 n	33/08
62	A 01 k	43/00
	G 01 n	33/08
63	A 01 k	43/00
	G 01 n	33/08
64	A 01 k	43/00
	G 01 n	33/08
65	A 01 k	43/00
	G 01 n	33/08
66	A 01 k	43/00
	G 01 n	33/08
67	A 01 k	43/00
	G 01 n	33/08
68	A 01 k	43/00
	G 01 n	33/08
69	G 01 b	11/24
		11/30
70	G 01 n	33/28
71	G 06 k	9/08
72	G 01 n	21/00
73	G 01 n	21/00
74	G 01 j	3/00
75	G 01 j	3/44
76	G 01 j	3/40
77	G 01 j	3/40
78	G 01 j	3/40
79	G 01 j	3/40
80	G 01 j	3/04
81	G 01 j	3/36
82	G 01 j	3/36
83	G 01 j	3/42
84	G 01 j	3/42
85	G 01 j	3/30
86	G 01 j	3/30
87	G 01 j	3/30
88	G 01 j	3/42
89	G 01 j	3/42
90	G 01 j	3/42
91	G 01 j	3/42
92	G 01 j	3/42
93	G 01 j	3/42
94	G 01 j	3/42
95	G 01 j	3/42
96	G 01 j	3/42
97	G 01 j	3/42
98	G 01 j	3/28
99	G 01 j	3/12
100	G 01 j	3/12
101	G 01 j	3/12
102	G 01 n	15/02
103	G 01 n	21/00
104	G 01 n	21/00
105	B 01 k	5/00
106	G 01 b	9/02
107	G 01 b	9/02
108	G 01 b	9/02
109	G 01 b	9/02
110	G 01 b	9/02
111	G 01 b	9/02
112	G 01 b	9/02
113	G 01 b	9/02
114	G 01 n	21/40
115	G 01 n	21/40
116	G 01 n	21/40
117	G 01 n	21/40
118	G 01 n	21/40
119	G 01 n	21/40
120	G 01 b	11/30
121	G 01 j	1/00
122	G 01 j	1/00
123	G 01 j	1/00
124	G 01 b	9/00
125	G 01 b	9/00
126	G 01 b	9/00
127	G 01 b	9/00
128	G 01 n	21/46
129	G 01 n	21/46
130	G 01 n	21/46
131	G 01 n	21/46
132	G 01 n	21/46
133	G 01 n	21/46
134	G 01 n	21/46
135	G 01 n	21/46
136	G 01 n	21/46
137	G 01 n	21/46
138	G 01 b	11/26
	G 01 c	1/00
139	G 01 c	1/06
140	G 01 b	11/26
	G 01 c	1/00
141	G 01 b	11/26
	G 01 c	1/00
142	G 01 c	1/06
143	G 01 c	1/06
144	G 01 c	1/00
145	G 01 c	1/00
146	G 01 c	1/00
147	G 01 c	1/00
148	G 01 c	1/10
149	G 01 c	1/10
150	G 01 b	1/00
	G 01 c	21/06
151	G 01 b	1/00
	G 01 c	21/06
152	G 01 b	11/26
	G 01 c	1/00
153	G 01 b	11/26
154	G 01 b	11/26
	G 01 c	1/00
155	G 01 b	11/26
156	G 01 b	11/00
157	G 01 b	11/28
158	G 01 b	11/28
159	G 01 b	11/04
		11/10
160	G 01 b	11/04
		11/10
161	G 01 b	11/00
162	G 01 b	11/00
163	G 01 b	11/00
164	G 01 b	9/08
165	G 01 b	9/08
166	G 01 b	9/08
167	G 01 b	11/00
168	G 01 b	11/24
169	G 01 b	11/04
170	G 01 b	11/04
171	G 01 b	11/02
172	G 01 b	11/26
173	G 01 j	3/46
174	G 01 j	3/46
	G 01 n	21/20
175, 176	G 01 j	3/46
177	G 01 j	3/46
178	G 01 j	3/46
179	G 01 j	3/46
180	G 01 j	3/46
181	G 01 j	3/46
	G 01 n	21/18
		21/26
182	G 01 j	3/46
	G 01 n	21/08
		21/18
183	G 01 j	3/46
184	G 01 j	3/48
185	G 01 j	3/48
186	G 01 j	3/48
187	G 01 j	3/48
	G 01 n	21/56
		21/58
188	G 01 j	3/48
189	G 01 j	3/48
190	G 01 j	3/10
191	G 01 j	3/52
192	G 01 j	3/52
193	G 01 j	3/52
194	G 01 j	3/52
195	G 01 j	3/46
196	G 01 n	21/04
		21/16
		21/22
		21/32
197	G 01 n	21/04
		21/16
		21/24
		21/32
198	G 01 n	21/04
		21/16
		21/22
		21/32
199	G 01 n	21/18
		21/30
200	G 01 n	21/16
		21/32
201	G 01 n	21/06
		21/22
202	G 01 n	21/06
		21/22
203	G 01 n	21/06
		21/22
204	G 01 n	21/20
		21/22
205	G 01 n	21/22
206	G 01 n	21/22
207	G 01 n	21/12
		21/26
208	G 01 n	21/06
		21/26
209	G 01 n	21/48
210	G 01 n	21/48
211	G 01 n	21/48
212	G 01 n	21/48
213	G 01 j	1/00
214	G 01 j	1/60
215	G 01 j	1/46
216	G 01 j	1/56
217	G 01 j	1/34
		1/36
218	G 01 j	1/42
219	G 01 j	1/42
220	G 01 j	1/42
221	G 01 j	1/42
222	G 01 j	1/42
223	G 01 j	1/42
224	G 01 j	1/42
225	G 01 j	1/42
226	G 01 j	1/44
227	G 01 j	1/42
228	G 01 j	1/42
229	G 01 j	1/10
230	G 01 j	1/12
231	G 01 j	1/12
232	G 01 j	1/12
233	G 01 j	1/40
234	G 01 j	1/40
235	G 01 j	1/40
236	G 01 j	1/04
237	G 01 n	21/16
		21/32
238	G 01 n	21/16
		21/32
239	G 01 n	21/16
		21/32
240	G 01 n	21/16
		21/32

U.S. Subclass	IPC Subclass	Notation
U.S. Class 356—Con.		
241	G 01 n	21/16
		21/32
242	G 01 n	21/16
243	G 01 j	1/02
244	G 01 n	21/16
245	G 01 n	21/06
		33/36
246	G 01 n	1/10
247	G 01 c	9/02
		9/12
		9/16
		9/18
	G 02 b	27/32
248	G 01 c	9/02
		9/12
		9/16
		9/18
249	G 01 c	9/18
250	G 01 c	9/12
		9/16
251	G 02 b	23/10
252	G 02 b	23/10
253	G 02 b	27/32
254	G 02 b	27/32
255	G 02 b	27/32
256	G 02 b	27/32
U.S. Class 401		
Coating implements with material supply		
(IPC B 43 k)		
1	A 46 b	11/08
	A 47 l	13/32
	B 43 m	1/02
2	A 46 b	11/08
	A 47 l	13/32
	B 43 m	1/02
3	A 46 b	11/08
4.5	A 46 b	11/00
6	A 46 b	5/02
7	A 46 b	5/04
8	A 46 b	5/02
9	A 46 b	15/00
10–12	A 46 b	11/00
		15/00
13	A 47 l	13/26
14	A 46 b	15/00
		17/08
15	A 46 b	15/00
16	A 46 b	11/00
	A 47 l	13/12
17	B 43 k	27/10
18–20	B 43 k	27/02
21	A 47 l	11/08
		13/12
22–25	A 47 l	1/08
		13/12
26, 27	A 47 l	13/12
28	A 46 b	11/00
		11/06
	A 61 h	7/00
29–33	B 43 k	27/14
34, 35	B 43 k	27/04
		27/08
36	A 46 b	11/06
37	A 47 l	13/26
38	A 46 b	11/00
	A 47 l	23/04
39	A 46 b	11/00
40, 41	B 43 k	5/02
42, 43	A 46 b	11/06
44, 45	A 46 b	11/00
46	A 46 b	11/06
47	A 46 b	11/00
48	A 46 b	11/00
		17/02
49	B 43 k	19/00
50, 51	B 43 k	29/06
52	B 43 k	25/00
		29/00
53	B 43 k	21/02
		21/04
54, 55	B 43 k	21/02
56	B 43 k	
57	B 43 k	21/14
		21/20
58, 59	B 43 k	21/02
60	A 45 d	39/04
		40/00
	B 43 k	29/02
61	A 45 d	40/00
	B 43 k	29/02
62	B 43 k	21/02
63, 64	B 43 k	21/10
65	B 43 k	21/16
66	B 43 k	21/18
67	B 43 k	21/16
68, 69	A 45 d	40/04
		40/06
	B 43 k	21/08
70	A 45 d	40/04
		40/06
	B 43 k	21/12
71	A 45 d	40/04
	B 43 k	21/08
72	B 43 k	21/08
73, 74	A 45 d	40/04
		40/06
	B 43 k	21/08
75	B 43 k	21/08
76–78	B 43 k	21/08
79	A 45 d	40/04
	B 43 k	21/08
80	B 43 k	21/00
81	A 45 d	40/10
	B 43 k	21/00
82–85	B 43 k	21/00
86, 87	A 45 d	40/02
		40/06
	B 43 k	21/00
88	A 45 d	40/20
	B 43 k	23/00
89–91	B 43 k	23/00
92–94	B 43 k	21/22
95	B 43 k	23/00
96	B 43 k	19/02
		19/06
		19/14
97	B 43 k	19/14
98	B 43 k	23/00
99–109	B 43 k	5/16
		7/12
		24/02
110, 111	B 43 k	5/16
		24/02
112–115	B 43 k	5/16
		7/12
		24/02
116	B 43 k	5/16
		24/02
117	B 43 k	7/12
118–120	A 46 b	11/00
121, 122	A 46 b	11/00
		17/08
123–127	A 46 b	11/00
128	B 43 m	11/00
129	A 46 b	11/00
130	A 45 d	33/00
131	B 43 k	23/02
132–135	B 43 k	5/14
136	A 47 l	1/08
		13/22
		13/26
		13/30
137	A 47 l	1/08
		13/22
		13/26
		13/30
	B 43 m	11/02
138	A 47 l	1/08
		13/22
		13/26
		13/30
139	A 47 l	13/26
		13/30
140	A 46 b	11/00
141, 142	B 43 k	7/08
		7/10
143, 144	B 43 k	5/02
145	B 43 k	5/04
146	B 43 k	5/02
147	B 43 k	7/10
	B 43 m	11/02
148–150	B 43 k	5/18
151	B 43 k	5/10
152–170	B 43 k	5/04
171–177	B 43 k	5/06
178	B 43 k	5/10
179–182	B 43 k	5/06
183–186	B 43 m	11/06
187, 188	A 46 b	11/02
	B 43 k	5/02
189	B 43 k	5/02
190	A 46 b	5/02
		11/02
191	A 46 b	11/00
192	B 43 k	5/12
		7/06
193	B 43 k	29/00
194	B 43 k	5/12
		7/06
195	B 43 k	29/00
196	B 43 k	5/00
	B 43 m	11/06
197	B 44 d	3/28
198, 199	B 43 k	5/00
	B 43 m	11/06
200	A 45 d	33/02
201	A 47 k	7/02
202–206	B 43 k	5/00
207	B 43 m	11/06
208	B 43 m	11/02
	B 44 d	3/28
		3/40
209	B 43 k	7/00
210	B 43 k	7/02
211, 212	B 43 k	7/10
213	B 43 k	9/00
214–216	B 43 k	7/10
217	B 43 k	7/02
218–220	B 43 m	11/02
	B 44 d	3/28
221	B 43 k	5/00
222–224	B 43 k	5/02
225–229	B 43 k	5/18
230	B 43 k	5/10
231	B 43 k	1/02
		5/00
232	B 43 k	5/02
233	B 43 k	5/00
234	B 43 k	5/18
		9/00
235–242	B 43 k	5/18
243–247	B 43 k	9/00
248	B 43 k	5/00
249	B 43 k	5/18
250	B 43 k	5/18
251	B 43 k	5/00
252–255	B 43 k	1/02
256, 257	B 43 k	17/00
258	B 43 k	1/10
259, 260	B 43 k	1/06
		1/10
		5/16
261	A 47 l	13/30
	B 43 k	5/00
	B 43 m	11/06
262	B 43 k	9/00
263, 264	A 47 l	13/30
	B 43 k	5/18
	B 43 m	11/06
265	B 43 k	1/06
266	A 47 l	3/30
267	B 43 k	1/04
268	A 46 b	11/00
269	A 46 b	17/04
270	A 46 b	11/04
	A 47 l	13/22
271–274	A 46 b	11/04
275	A 46 b	11/04
	A 47 l	13/22
276–288	A 46 b	11/04
	A 47 l	13/22
289	A 46 b	11/06
	A 47 l	13/22

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 401—Con.		
290	A 46 b	11/00
	A 47 l	13/22
291	A 46 b	11/04
292	A 46 b	
	A 47 l	
	B 43 k	
	B 43 m	

U.S. Class 402

Binder device releasably engaging aperture or notch of sheet

(IPC B 42 f)

1–6	B 42 f	3/00
		13/40
7	B 42 f	13/00
8–13	B 42 f	3/00
		13/02
14–18	B 42 f	13/06
		13/08
19–23	B 42 f	3/02
		13/02
24–26	B 42 f	13/00
27, 28	B 42 f	3/04
		13/16
29–45	B 42 f	3/04
		13/20
46–56	B 42 f	3/02
		13/30
57	B 42 f	3/06
		13/04
58, 59	B 42 f	3/00
		13/12
60–69	B 42 f	3/00
		13/12
		13/36
70–72	B 42 f	3/00
		13/12
73–80	B 42 f	13/00
500–502	B 42 f	3/00
		13/00
503	B 42 f	11/04
		13/00

U.S. Class 424

Bio affecting and body treating compositions

(IPC A 61 k)

1	A 61 k	27/04
	A 61 n	5/12
2	A 01 n	17/00
	A 61 k	9/00
	G 01 n	1/00
		33/16
3	G 01 n	1/00
		1/30
		31/00
		33/16
4, 5	A 61 k	27/08
6	A 01 n	17/00
	A 61 k	9/00
7, 8	G 01 n	31/00
		31/22
		33/16
9	G 01 n	31/00
		33/16
10	A 01 n	17/00
	A 61 k	9/00
		27/00
11–13	G 01 n	31/00
		33/16
14–26	A 01 n	17/00
	A 61 j	3/00
		3/10
	A 61 k	9/00
27	A 01 n	17/12
	A 61 f	13/00
	A 61 l	15/00
		17/00
28	A 61 f	13/00
	A 61 l	15/00
29	A 01 m	1/20
	A 61 d	9/00
	A 61 k	9/00
30	A 01 n	17/00
		23/00
	A 61 k	9/00
31–39	A 01 n	17/00
	A 61 k	9/00
40	A 01 n	17/04
	A 61 k	9/00
		13/00
	A 61 l	9/02
41, 42	A 01 n	17/04
	A 61 k	9/00
		13/00
41	A 61 l	9/02
43	A 01 n	17/02
	A 61 k	9/00
		11/02
		11/04
	A 61 l	9/04
44	A 61 k	9/00
		11/02
		11/04
	A 61 l	9/04
45, 46	A 61 k	9/00
	A 61 l	9/04
47	A 61 k	7/00
		9/00
48	A 61 k	9/00
49–58	A 61 k	7/16
59, 60	A 61 k	9/06
	A 61 l	23/00
61	A 61 k	7/04
62	A 61 k	7/12
63, 64	A 61 k	7/02
65–68	A 61 k	7/00
69	A 61 k	7/02
70	A 61 k	7/06
71, 72	A 61 k	7/10
73	A 61 k	7/14
74	A 61 k	7/06
75	A 01 n	1/00
76	A 61 l	13/00
77	A 01 n	17/08
78–83	A 61 k	15/00
		17/00
		19/00
		21/00
		23/00
		25/00
		27/00
84	A 01 n	17/14
85–89	A 61 k	23/00
90	A 61 k	23/00
		27/02
91, 92	A 61 k	23/00
93	A 01 n	15/00
	A 61 k	27/00
94	A 61 k	19/00
95–104	A 61 k	17/00
105	A 61 k	17/06
106	A 61 k	17/00
107	A 61 k	15/02
		17/00
108, 109	A 61 k	17/00
		17/08
110	A 61 k	17/00
		17/02
111, 112	A 61 k	17/00
		17/10
113	A 61 k	17/12
114–124	A 61 k	21/00
125, 126	A 01 n	9/00
		11/00
		13/00
	A 61 k	27/00
127	A 01 n	11/00
	A 61 k	11/00
		13/00
		27/00
	A 61 l	13/00
128	A 01 n	11/00
		13/06
	A 61 k	27/00
	A 61 l	13/00
129	A 01 n	11/00
	A 61 k	27/00
	A 61 l	13/00
130	A 01 n	11/00
	A 61 k	27/00
	A 61 l	13/00
131	A 01 n	11/00
	A 61 k	27/00
	A 61 l	13/00
132	A 01 n	11/00
	A 61 k	27/00
	A 61 l	13/04
133	A 01 n	11/08
	A 61 k	27/00
	A 61 l	13/00
134, 135	A 01 n	13/00
	A 61 k	27/00
	A 61 l	13/00
136, 137	A 01 n	11/08
	A 61 k	27/06
	A 61 l	13/00
138, 139	A 01 n	11/08
	A 61 k	27/00
	A 61 l	13/00
140	A 01 n	11/04
	A 61 k	27/00
	A 61 l	13/04
141, 142	A 01 n	13/00
	A 61 k	27/00
143	A 01 n	11/04
	A 61 k	27/00
	A 61 l	13/00
144–148	A 01 n	11/00
	A 61 k	27/00
	A 61 l	13/00
149, 150	A 01 n	11/00
	A 61 k	11/00
		27/00
	A 61 l	13/00
151	A 01 n	11/00
	A 61 k	27/00
	A 61 l	13/00
152	A 01 n	11/00
	A 61 l	13/00
153–159	A 01 n	11/00
	A 61 k	27/00
160	A 01 n	11/00
		11/06
	A 61 k	11/00
	A 61 l	13/00
161	A 01 n	11/00
		11/06
	A 61 k	11/00
		27/00
	A 61 l	13/00
162, 163	A 01 n	11/00
	A 61 k	11/00
		13/00
		27/00
	A 61 l	13/00
164, 165	A 01 n	13/00
	A 61 k	27/00
	A 61 l	13/00
166	A 01 n	11/00
	A 61 k	13/00
		27/00
	A 61 l	13/00
167	A 01 n	9/00
	A 61 k	27/00
	A 61 l	13/00
168–172	A 01 n	9/04
		17/10
	A 61 k	11/00
	A 61 l	13/00
173–176	A 01 n	
	A 61 k	
177	A 61 k	27/00
178	A 61 k	17/02
179	A 61 k	17/06
180	A 01 n	9/00
		9/28
	A 61 k	27/00
	A 61 l	13/00
181	A 01 n	9/00
	A 61 k	21/00

U.S. Class 424—Con.

U.S. Subclass	IPC Subclass	Notation
	A 61 l	13/00
182	A 61 k	27/14
183	A 61 k	17/18
184, 185	A 01 n	9/00
	A 61 k	27/00
	A 61 l	13/00
		23/00
186 – 194	A 01 n	9/08
195	A 01 n	9/02
		9/08
	A 61 k	27/14
	A 61 l	13/00
196	A 01 n	9/04
		9/08
	A 61 k	27/14
	A 61 l	13/00
197	A 01 n	9/10
	A 61 k	27/14
198 – 200	A 01 n	9/36
	A 61 k	27/00
	A 61 l	13/00
201	A 61 k	15/00
		15/12
		25/02
202 – 225	A 01 n	9/36
	A 61 k	27/00
	A 61 l	13/00
226	A 01 n	9/20
	A 61 k	27/00
	A 61 l	13/00
227	A 61 k	21/00
		27/00
228, 229	A 01 n	9/16
	A 61 k	27/00
	A 61 l	13/00
230	A 01 n	9/24
	A 61 k	27/00
	A 61 l	13/00
231 – 235	A 01 n	9/02
	A 61 k	27/00
	A 61 l	13/00
236	A 61 k	15/02
		15/08
237	A 61 k	15/02
238 – 243	A 61 k	17/00
244, 245	A 01 n	9/00
	A 61 k	27/00
	A 61 l	13/00
246, 247	A 01 n	9/00
		9/12
	A 61 k	27/00
	A 61 l	13/00
248 – 251	A 01 n	9/00
		9/22
	A 61 k	27/00
	A 61 l	13/00
252 – 255	A 01 n	9/00
		9/22
	A 61 k	15/12
		27/00
	A 61 l	13/00
256 – 263	A 01 n	9/00
		9/22
	A 61 k	15/12
		27/00
	A 61 l	13/00
264	A 01 n	9/10
265	A 01 n	9/00
		9/22
	A 61 k	27/00
	A 62 d	3/00
266	A 61 k	15/12
		27/00
267 – 268	A 01 n	9/00
		9/22
	A 61 k	27/00
267	A 61 l	13/00
269	A 01 n	9/00
	A 61 k	27/00
	A 61 l	13/00
270	A 01 n	9/12
		9/20
	A 61 k	27/00
271	A 61 k	21/00
272	A 01 n	9/22
		9/28
	A 61 k	27/00
273	A 01 n	9/22
	A 61 k	15/12
274	A 01 n	9/22
	A 61 k	27/00
275 – 276	A 01 n	9/00
		9/12
	A 61 k	27/00
278 – 279	A 01 n	9/28
	A 61 k	27/00
280	A 01 n	9/28
	A 61 k	15/12
281 – 283	A 01 n	9/28
	A 61 k	27/00
284	A 01 n	9/28
	A 61 k	15/10
285	A 01 n	9/28
	A 61 k	27/00
286	A 01 n	9/12
		9/20
	A 61 k	27/00
287 – 290	A 01 n	9/00
	A 61 k	27/00
	A 61 l	13/00
291, 292	A 01 n	9/38
		21/04
	A 61 k	27/00
	A 61 l	13/00
293 – 297	A 01 n	9/00
	A 61 k	27/00
	A 61 l	13/00
298	A 01 n	9/00
	A 61 k	27/00
	A 61 l	13/00
299	A 01 n	9/24
	A 61 k	27/00
	A 61 l	13/00
300	A 01 n	9/12
		9/20
	A 61 k	27/00
301	A 01 n	9/12
		9/24
	A 61 k	27/00
302	A 01 n	9/18
	A 61 k	27/00
303	A 01 n	9/14
	A 61 k	27/00
304	A 01 n	9/06
		9/20
	A 61 k	27/00
305 – 308	A 01 n	9/24
	A 61 k	27/00
309 – 310	A 01 n	9/20
		9/24
	A 61 k	27/00
311, 312	A 01 n	9/24
	A 61 k	15/10
		27/00
313, 314	A 01 n	9/24
	A 61 k	27/00
315	A 01 n	9/00
		9/12
		9/24
	A 61 k	27/00
316	A 01 n	9/20
	A 61 k	27/00
317	A 01 n	9/00
		9/24
	A 61 k	27/00
318	A 01 n	9/00
		9/24
	A 61 k	15/10
		27/00
319	A 01 n	9/20
	A 61 k	15/12
		27/00
320	A 01 n	9/20
	A 61 k	27/00
	A 61 l	13/00
321	A 01 n	9/16
	A 61 k	27/00
	A 61 l	13/00
322, 323	A 01 n	9/12
		9/20
	A 61 k	27/00
	A 61 l	13/00
324 – 330	A 01 n	9/20
		9/24
	A 61 k	27/00
	A 61 l	13/00
331	A 01 n	9/24
	A 61 k	27/00
	A 61 l	13/00
332, 333	A 01 n	9/24
	A 61 k	27/00
	A 61 l	13/00
334	A 01 n	9/24
	A 61 k	27/00
	A 61 l	13/02
335, 336	A 01 n	9/00
		9/12
	A 61 k	27/00
	A 61 l	13/00
337	A 01 n	9/00
		9/12
		9/14
	A 61 k	27/00
	A 61 l	13/00
338	A 01 n	9/24
	A 61 k	27/00
	A 61 l	13/00
339	A 01 n	9/24
	A 61 k	13/00
		27/00
	A 61 l	13/00
340 – 343	A 01 n	9/24
	A 61 k	27/00
	A 61 l	13/00
344	A 61 k	15/04
345	A 01 n	9/00
		9/24
	A 61 k	27/00
	A 61 l	13/00
346, 347	A 01 n	9/00
		9/26
	A 61 k	27/00
	A 61 l	13/00
348	A 01 n	9/20
	A 61 k	27/00
	A 61 l	13/00
349	A 01 n	9/20
	A 61 k	27/00
	A 61 l	13/00
350, 351	A 01 n	9/30
	A 61 k	13/00
		27/00
	A 61 l	13/00
352	A 01 n	9/30
		9/32
	A 61 k	27/00
	A 61 l	13/00
353	A 01 n	9/30
	A 61 k	27/00
	A 61 l	13/00
354	A 01 n	9/30
		9/34
	A 61 l	13/00
355, 356	A 01 n	9/04
	A 61 k	27/00
	A 61 l	13/00
357 – 366	A 01 n	9/00
		11/00
		13/00
		17/08
	A 61 k	9/00
		27/00

U.S. Class 431

Combustion

(IPC F 23 d)

U.S. Subclass	IPC Subclass	Notation
1	F 23 c	3/02
2	F 23	
	F 27	
3	F 23 j	
4	F 23 j	7/00
5	F 23 d	13/20
	F 23 j	15/00
6	F 23 n	5/20
		5/22
7	F 23 d	3/40

U.S. Class 431—Con.

U.S. Subclass	IPC Subclass	IPC Notation
		19/00
8	F 23 c	5/00
	F 23 m	3/02
9	F 23 m	3/00
0		
10	F 23 m	3/04
11	F 23 d	11/44
	F 23 l	15/00
12	F 23 n	
13	F 23 d	5/12
14	F 23 n	5/26
15, 16	F 23 n	5/24
17	F 23 d	
18, 19	F 23 n	
20	F 23 n	3/00
21	F 23 n	5/02
22, 23	F 23 n	5/24
24–26	F 23 n	
	F 23 q	23/00
27–31	F 23 n	5/00
32	F 23 n	5/24
33	F 23 n	5/00
34	F 23 d	3/26
35	F 23 n	5/00
36–41	F 23 n	1/00
42–61	F 23 q	9/08
62, 63	F 23 n	5/00
64	F 23 d	5/14
65	F 23 d	5/16
66, 67	F 23 n	5/00
68	F 23 n	5/24
69–78	F 23 n	5/00
79	F 23 n	5/08
80	F 23 n	5/10
81–87	F 23 n	5/00
88	F 23 n	5/24
89, 90	F 23 n	
91	F 41 h	9/02
92	F 21 k	5/00
93–95	F 21 k	5/02
96–98	F 21 k	5/00
99	F 21 p	5/00
100	F 21 h	
101–113	F 21 h	7/00
114	F 23 d	
115, 116	F 23 l	
117–119	F 23 d	5/12
120	F 23 d	3/28
121–123	F 23 d	11/38
		13/28
124	F 23 q	2/38
125–127	F 23 q	2/32
128	F 23 q	7/00
129–141	F 23 q	2/08
142, 143	F 23 q	2/00
144–152	F 23 q	25/00
153–155	F 23 d	11/36
156	F 23 d	
157	F 23 l	17/00
158	F 23 r	1/00
159	F 23 d	11/00
160	F 23 d	11/36
161–167	F 23 d	11/44
168	F 23 d	11/04
169	F 23 d	11/08
170	F 23 d	19/00
		21/00
171, 172	F 23 m	9/06
173	F 23 c	5/18
174	F 23 c	5/00
175, 176	F 23 c	5/28
177	F 23 c	5/10
178–181	F 23 c	5/08
182–185	F 23 m	9/00
186	F 23 c	5/06
187	F 23 c	7/00
188	F 23 m	9/00
189	F 23 c	5/06
190	F 23 l	9/00
191–194	F 24 c	3/10
195–201	F 23 d	5/00
202	F 23 d	/00
203–206	F 23 d	11/00
207–248	F 23 d	11/44
249–253	F 23 d	
254	F 23 q	1/04
		7/12
255–257	F 23 q	7/12
258	F 23 q	7/06
259, 260	F 23 q	7/08
261	F 23 q	3/00
262	F 23 q	7/08
263	F 23 q	7/06
264–266	F 23 q	3/00
267	F 23 q	1/00
268	F 23 q	11/00
269	A 24 f	27/14
270	F 23 q	1/02
271, 272	A 24 f	27/14
273–275	F 23 q	1/02
276	F 23 q	1/02
277	F 23 q	1/02
278, 279	F 23 q	9/00
280, 281	F 23 q	9/08
282–285	F 23 q	9/00
286	F 23 d	13/36
287	F 23 d	
288–297	F 23 d	3/16
298–300	F 23 d	3/02
301	F 23 d	3/34
302, 303	F 23 d	3/02
304	F 23 d	3/28
305	F 23 d	3/32
306	F 23 d	3/28
307, 308	F 23 d	3/32
309–314	F 23 d	3/04
315–318	F 23 d	3/28
319	F 23 d	3/02
320	F 23 d	3/24
321–325	F 23 d	3/18
326	F 23 d	3/40
327	F 23 q	13/04
328	F 23 d	13/12
329	F 23 d	13/14
330	F 23 d	5/06
		7/00
331–342	F 23 d	5/02
343	F 23 d	13/24
344	F 23 d	13/04
345	F 23 d	13/24
346	F 23 d	13/46
347, 348	F 23 d	13/12
349	F 23 d	13/36
350	F 23 d	13/24
351	F 23 d	15/00
352, 353	F 23 d	15/02
354, 355	F 23 d	13/40
356	F 23 d	

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